Seasonal Salinity, Temperature and Density Data for the Canadian Beaufort Sea Shelf, 1986

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SEASONAL SALINITY, TEMPERATURE AND DENSITY DATA FOR THE CANADIAN BEAUFORT SEA SHELF, 1986

by

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This is the 16th Data Report
from the Central and Arctic Region, Winnipeg

PREFACE

This study was funded by the Northern Oil and Gas Action Program (NOGAP), through the Department of Fisheries and Oceans, Central and Arctic Region. It is one of a series of projects being executed under NOGAP B.2, to provide background data for assessing the implications of hydrocarbon development and production on critical estuarine and marine habitats of the Canadian Arctic Coastal Shelf. This document constitutes NOGAP Report B2.11.

ERRATA

Hopky, G.E., D.B. Chiperzak, and M.J. Lawrence. 1987. Seasonal salinity, temperature and density data for the Canadian Beaufort Sea Shelf, 1986. Can. Data Rep. Fish. Aquat. Sci. 661: iv + 268 p.

For all figures in Appendix A:
The values on the Sigma t axis should read 5 units less than indicated (e.g. -5 should read -10; ...; 31 should read 26).

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ABSTRACT

Hopky, G.E., D.B. Chiperzak, and M.J. Lawrence. 1987. Seasonal salinity, temperature and density data for the Canadian Beaufort Sea Shelf, 1986. Can. Data Rep. Fish. Aquat. Sci. 661: iv + 268 p.

This report contains salinity, temperature and density (CTD) data collected by the Department of Fisheries and Oceans, Central and Arctic Region in the waters of the Canadian Beaufort Sea Shelf during 1986. Salinity and temperature profile data were measured using a Guildline Model 8870 probe deployed from the ice surface in March and May, and from the M.V. Sequel during July to September. Ice thickness and secchi depth were measured during periods of ice cover and open water, respectively. Salinity values for samples collected from bottle casts were measured with an Autosal Model 8400 salinometer. Density was calculated using salinity and temperature values.

During the ice cover periods of March and May, CTD profiles were measured at four and 25 stations, respectively. Two additional stations were sampled in May using bottle casts. For the open water July to September period, CTD profiles were measured at 62 stations. Replicate CTD profiling was conducted at most stations, on a seasonal basis.

The maximum depths of profiles measured from the ice surface ranged from 3.3 to 49.7 dbar. Salinity and temperature measurements ranged from 0.23 to 32.37, and -1.77 to -0.04°C, respectively. Maximum depths of profiles measured during the open water period ranged from 2.4 to 289.5 dbar. During this same period, profile measurements of salinity and temperature ranged from 0.11 to 34.78, and -1.66 to 13.81°C, respectively.

Key words: Arctic; coastal waters; salt-wedge estuaries; fresh water; saline water; thermocline; halocline; pycnocline; oceanographic data; light penetration.

RÉSUMÉ

Hopky, G.E., D.B. Chiperzak, and M.J. Lawrence. 1987. Seasonal salinity, temperature and density data for the Canadian Beaufort Sea Shelf, 1986. Can. Data Rep. Fish. Aquat. Sci. 661: iv + 268 p.

Ce rapport renferme des données sur la salinité, la température et la densité (CTD) qui ont été recueillies par le ministère des Pêches et des Océans, région du Centre et de l'Arctique, dans les eaux du secteur canadien du plateau de la mer de Beaufort au cours de l'année 1986. Les données des profils de salinité et de température ont été obtenues à l'aide d'un sonde Guildline, modèle 8870, utilisée à partir de la glace, en mars et en mai, et à partir du Sequel, de juillet à septembre. L'épaisseur de la glace a été mesurée lorsque la surface était glacée et la transparence de l'eau, déterminée au disque de Secchi, a été mesurée lorsque l'eau était libre. La salinité des échantillons recueillis au moyen d'échantillonneurs a été mesurée à l'aide d'un salinomètre Autosal, modèle 8400. La densité a été obtenue par calcul au moyen de la salinité et de la température.

Pendant que la surface de la mer était glacée, en mars et en mai, les profils CTD ont été mesurés respectivement à quatre (4) et à 25 stations. En mai, des échantillons ont été prélevés à deux autres stations à l'aide d'échantillonneurs. Au cours de la période d'eau libre, de juillet à septembre, les profils CTD ont été mesurés à 62 stations. L'établissement des profils CTD a été repris dans la plupart des stations, et à chaque saison.

Les profils mesurés à partir de la couche de glace l'ont été à des profondeurs variant de 3,3 à 49,7 dbar. Les mesures de salinité et de température variaient respectivement de 0,23 à 32,37 et de -1,77 à -0,04°C. Les profils mesurés au cours de la période d'eau libre l'ont été à des profondeurs variant de 2,4 à 289,5 dbar. Au cours de cette même période, les mesures des profils de salinité et de température s'établissaient respectivement entre 0,11 et 34,78 et entre -1,66 et 13,81°C.

Mots-clés: Arctique; eaux côtières; lame d'eau salée dans l'estuaire; eau douce; eau saline; thermocline; halocline; pycnocline; données océanographiques; pénétration de la lumière.

INTRODUCTION

The salinity, temperature and density (CTD) data presented in this report were collected as part of the Critical Arctic Estuarine and Marine Habitat Project (B.2) of the Northern Oil and Gas Action Program (NOGAP). The data represent one component of a suite of oceanographic measurements made by the staff of the Department of Fisheries and Oceans (DFO), Central and Arctic Region on the Canadian Beaufort Sea Shelf (Fig. 1) during 1986. This study has been ongoing since 1984. CTD results for 1984 and 1985 were published in Hopky et al. (1986).

A major objective of this NOGAP project is to identify and characterize estuarine and marine habitats of significance to the biological communities, primarily fish, inhabiting the Beaufort Sea Shelf. Salinity, temperature and density data will assist in the identification and delineation of potential habitat types. In addition, light attenuation (PAR - Photosynthetically Active Radiation), and nutrient and other chemistry related data are being gathered. Concurrent biological sampling includes: chlorophyll a, primary production studies, and life history studies of the zooplankton, ichthyoplankton and adult fish (e.g. Lacho 1986) communities.

A DH6 (Twin Otter) aircraft equipped with wheel skis and a Bell 206L helicopter were used during March and May to conduct sampling from the ice surface. The M.V. Sequel, a wooden hulled 12 m vessel, was chartered to conduct sampling during the open water periods. The data reported here are from an area that extends from Herschel Island on the west to Amundsen Gulf on the east, out to approximately the 200 m isobath (Fig. 2).

METHODS

The methods of data collection and data processing described below follow those utilized in 1984 and 1985 (Hopky et al. 1986).

DATA COLLECTION

Positioning

In March and May all stations except the three noted below were reached with either a Twin Otter aircraft or Bell 206L helicopter, both equipped with Global Navigation System (GNS) positioning equipment. Station 86001 was reached using an all terrain vehicle (Foremost Delta 3) and a mobile field camp. Its position was located by vehicle distance from shore and aircraft flypasts. Stations 86030 and 86031 were reached by truck and located by identification of nearby shore landforms and aircraft flypasts.

During July, August and September, stations were located using a combination of radar (Furuno Model CR240) fixes to shore, bathymetric charts and a JRC Model JLE-3850 satellite navigator with a nominal accuracy of ±0.1 km.

CTD system

Station profiles were measured using a Guildline Model 8870 portable CTD system consisting of a probe, winch and deck unit. An Arctic Model probe was used during March and May, and an Open Ocean Model probe was used from July to September. Sensors on these probes measure temperature (°C), salinity and depth, as pressure (dbar), with an accuracy of ±0.02, ±0.04 and ±1% full scale, respectively. Calibration tests conducted prior to their use resulted in acceptable accuracies.

The winch was a 12/24 volt powered Arctic Model equipped with a single conductor oceanographic cable. Cable deployment rate was 0.35 $m \cdot sec^{-1}$.

The deck unit consisted of a power supply module and a display module. Power was provided by 2-12 volt batteries connected in series. Raw, serial data was recorded on magnetic tape using a portable audio cassette recorder. The display module provided a digital display of all channel outputs. A microprocessor in the display module calculated salinities using the UNESCO practical salinity scale 1978 (UNESCO 1981).

Bottle casts

Bottle casts were made using a 5 litre Van Dorn sampler. Conductivity ratios were obtained using an Autosal Model 8400 salinometer. Salinity was calculated using the UNESCO practical salinity scale 1978 (UNESCO 1981) on a Zenith 151 microcomputer.

DATA PROCESSING

Transfer of the CTD data from the audio tape, and its subsequent editing and reduction were made using a Zenith 151 microcomputer with programs written by DFO staff at the Freshwater Institute, and Dbase III software. CTD data were fed from the audio tape back into the Guildline deck unit, processed through an IEEE488 interface board located in the display module and subsequently stored on 5.25 inch floppy disks. Means of salinity and temperature were calculated for multiple readings at a single depth (dbar) point. Density, in $kg \cdot m^{-3}$, was calculated using the international equation of state of seawater 1980 (UNESCO 1981). SAS Version 5.03 was used to generate data tables and data figures, respectively on an Amdahl 58-50 computer, and a VAX/VMS 11 computer.

RESULTS

A summary of all stations sampled on the Beaufort Sea Shelf during 1986 is shown in Table 1. CTD profiles were measured at four and 25 stations, respectively during the ice cover periods of March and May. In May, salinity data was collected at two additional stations using bottle casts. For the open water, July to September period, CTD profiles were measured at 62 stations.

Locations for all stations sampled in 1986 are mapped for March and May (Fig. 3), July (Fig. 4), August (Fig. 5) and September (Fig. 6). Station depths ranged from 3 to 289 m (Table 1). Favourable ice conditions during the 1986 open water period resulted in extensive sampling of waters greater than 10-15 m deep. With the exception of the Herschel Island-western Mackenzie Bay region, this was not the case in either 1984 or 1985 - particularly the latter year - when ice conditions restricted vessel movement largely to water depths less than 10-15 m (Hopky et al. 1986).

Stations were generally sampled between 1500 and 0200 hours Greenwich mean time (Gmt) (Table 1). Ice thickness was measured at stations sampled in March and May, and secchi depth was measured at stations sampled between July to September (Table 1). The stations identified as 86A46 and 86B46 (Table 1) represent two CTD profiles measured at the same location (ie. 86046). The second profile, 86B46, recorded changes observed while the vessel was on station.

CTD data are tabulated by station and date in Appendix A, Tables A1.1-A1.95. Plots of the data are shown on the facing page with the corresponding station number and sampling date. Density, in kg·m^{-3}, is plotted as sigma t (density - 1000). Depths are expressed in pressure units (dbar) except for stations 86030 and 86031 bottle cast data which are in meters.

The maximum depths of profiles measured from the ice surface ranged from 3.3 to 49.7 dbar (Appendix A). Salinity and temperature measurements ranged from 0.23 to 32.37, and -1.77 to -0.04°C, respectively. Maximum depths of profiles measured during the open water period ranged from 2.4 to 289.5 dbar. During this same period, profile measurements of salinity and temperature ranged from 0.11 to 34.78, and -1.66 to 13.81°C, respectively.

ACKNOWLEDGMENTS

The authors would like to thank G. Lacho, R. Sauvé and D. Rasmussen, DFO Winnipeg, for their assistance in the data collection. The skipper of the M.V. Sequel was W. Bellam. Twin Otter pilots were F. Hennessy and H. Perk. The helicopter pilot was W. Handley. Their considerable skills and dedication are gratefully acknowledged.

We thank the Polar Continental Shelf Project of the Department of Energy, Mines and Resources, Tuktoyaktuk, N.W.T., for logistic support. Ice and weather information provided by personnel at Canmar Marine and Beaudrill Marine, Tuktoyaktuk, was very helpful.

Assistance of DFO support staff, R. Lypka and C. Catt at the Freshwater Institute, Winnipeg, is appreciated. M. Capel and M. Bergmann, also of DFO Winnipeg, developed the software necessary to read CTD data from the Guildline/audio format into a microcomputer/floppy disk format. We would further like to thank M. Bergmann for many useful and interesting discussions.

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Table 1. Summary data for all stations sampled in the Beaufort Sea during 1986.

Station	Latitude		Longitude		Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
	Deg	Min	Deg	Min							
86001	69	50.0	133	53.0	Mar 23	1945	14	1.5		Yes	13.1
86002	70	22.9	127	22.5	Mar 28	1730	19	1.0		Yes	18.8
86003	69	31.9	138	55.3	Mar 29	1700	51	1.7		Yes	49.7
86004	70	12.9	131	16.1	Mar 30	1500	21	0.9		Yes	19.5
86009	69	46.0	132	28.9	May 10	2035	7	2.1		Yes	6.6
86010	69	49.6	132	28.9	May 10	2120	10	2.0		Yes	9.5
86011	69	55.3	132	26.4	May 10	2205	15	2.3		Yes	13.9
86012	70	01.3	132	28.6	May 10	2235	21	0.6		Yes	20.0
86030	69	40.4	132	43.2	May 13	1800	6	2.0		N/A	
86013	69	55.7	131	31.0	May 14	1600	4	2.3		Yes	3.3
86014	68	58.2	131	30.0	May 14	1650	11	2.3		Yes	10.4
86015	70	03.9	131	29.5	May 14	1735	16	1.4		Yes	15.0
86016	70	13.0	131	30.0	May 14	1820	21	1.3		Yes	19.7
86030	69	40.4	132	43.2	May 14	1500	6	2.0		N/A	
86017	70	04.9	131	00.0	May 15	2020	9	2.9		Yes	7.9
86018	70	69.4	130	51.9	May 15	2145	5	2.2		Yes	4.3
86019	70	14.7	131	01.2	May 15	2230	15	N/A***		Yes	14.5
86030	69	40.4	132	43.2	May 15	1500	6	2.0		N/A	
86030	69	40.4	132	43.2	May 16	1800	6	2.0		N/A	
86031	69	32.8	133	01.5	May 16	2030	5	2.2		N/A	
86005	69	47.0	133	35.6	May 17	1950	5	1.9		Yes	3.9
86006	69	55.4	134	01.8	May 17	2100	13	2.5		Yes	12.0
86007	70	00.3	134	02.6	May 17	2200	21	0.3		Yes	20.0
86008	70	07.8	133	58.5	May 17	2210	37	1.9		Yes	34.8
86030	69	40.4	132	43.2	May 17	1720	6	2.0		BCP***	
86031	69	32.8	133	01.5	May 17	2010	5	2.2		BCP	
86020	69	31.1	136	31.3	May 18	1700	9	2.0		Yes	8.3
86021	69	29.2	136	44.6	May 18	1810	11	2.0		Yes	10.2
86022	69	30.1	137	08.2	May 18	1850	31	0.4		Yes	29.3
86023	69	30.6	137	44.4	May 18	1920	52	1.5		Yes	50.8
86030	69	40.4	132	43.2	May 18	1950	6	2.0		N/A	
86031	69	32.8	133	01.5	May 18	2045	5	2.2		N/A	
86030	69	40.4	132	43.2	May 19	1650	6	2.0		BCP	
86031	69	32.8	133	01.5	May 19	1800	5	2.2		BCP	
86032	69	50.0	132	26.0	May 19	2030	10	2.0		N/A	
86024	69	21.6	137	42.7	May 20	2147	42	0.6		Yes	40.1
86025	69	12.3	137	43.4	May 20	2219	30	N/A		Yes	28.9
86026	69	07.0	137	42.5	May 20	2240	20	1.4		Yes	18.8
86027	69	03.7	137	46.7	May 20	0130	8	1.7		Yes	6.8
86028	69	04.6	137	30.9	May 20	0040	5	2.4		N/A	
86030	69	40.4	132	43.2	May 20	2000	6	2.0		N/A	

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* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile.

Table 1. Summary for 1986 continued.

Station	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
86031	69	32.8	133	01.5	May 20	1800	5	2.2		N/A	
86032	69	50.0	132	26.0	May 20	0510	10	2.0		N/A	
86029	70	22.6	127	20.4	May 21	2245	37	1.1		Yes	35.5
86030	69	40.4	132	43.2	May 22	0340	6	2.0		N/A	
86031	69	32.8	133	01.5	May 22	0425	5	2.2		N/A	
86033	69	53.4	133	57.6	May 22	1830	16	0.8		Yes	15.4
86034	69	30.7	133	06.5	Jul 20	1800	5			N/A	
86035	69	31.8	133	13.5	Jul 22	1830	4		0.1	Yes	3.0
86035	69	30.7	133	14.5	Jul 23	1848	4		0.2	Yes	3.3
86036	69	32.9	132	59.2	Jul 23	2240	5		0.8	Yes	4.5
86038	69	27.9	133	05.6	Jul 25	2005	4		0.2	Yes	3.5
86039	69	27.4	133	16.6	Jul 25	2111	3		N/A	Yes	3.0
86040	69	26.4	133	23.5	Jul 25	2335	3		0.1	Yes	2.4
86041	69	40.7	133	07.2	Jul 26	1940	6		0.9	Yes	5.9
86042	69	53.7	133	07.7	Jul 26	2315	16		3.6	Yes	14.8
86043	69	34.1	136	09.5	Jul 29	1910	7		1.3	Yes	6.3
86044	69	33.9	136	48.0	Jul 30	1610	16		2.0	Yes	15.8
86045	69	32.6	137	07.1	Jul 30	2045	30		N/A	Yes	30.7
86A46	69	35.0	138	50.6	Jul 31	2020	7		0.6	Yes	6.1
86B46	69	35.0	138	50.6	Jul 31	2100	7		0.6	Yes	6.2
86047	69	35.7	138	48.1	Jul 31	2325	16		2.4	Yes	15.9
86048	69	41.4	138	39.9	Aug 1	1645	149		3.7	Yes	149.0
86049	69	37.3	138	46.1	Aug 1	2300	44		3.4	Yes	43.5
86046	69	35.0	138	50.6	Aug 2	2305	7		N/A	Yes	6.4
86047	69	35.7	138	48.1	Aug 2	2400	17		N/A	Yes	16.5
86050	69	17.7	138	25.6	Aug 3	2030	7		N/A	N/A	
86051	69	05.5	137	56.1	Aug 3	2115	6		2.3	Yes	6.0
86052	69	06.6	137	55.2	Aug 3	0220	16		2.4	Yes	15.8
86034	69	30.7	133	06.5	Aug 6	1805	5		N/A	Yes	4.8
86053	69	36.8	133	11.2	Aug 6	2010	6		N/A	Yes	5.2
86054	69	37.1	133	02.0	Aug 6	2140	6		N/A	Yes	5.3
86053	69	37.8	133	11.2	Aug 8	1735	6		0.8	Yes	4.8
86055	69	40.3	132	56.5	Aug 9	2045	7		N/A	Yes	6.0
86056	69	48.5	134	24.6	Aug 10	2100	7		0.4	Yes	6.7
86057	69	57.9	134	10.0	Aug 10	0125	16		3.5	Yes	15.3
86058	70	04.7	133	51.5	Aug 11	1615	32		3.2	Yes	30.4
86059	70	13.0	133	33.8	Aug 11	0100	50		11.0	Yes	48.9
86060	70	42.8	135	21.3	Aug 12	1230	98		7.0	Yes	97.7
86061	70	45.6	135	23.6	Aug 12	1636	289		N/A	Yes	289.5
86065	69	45.2	132	31.3	Aug 16	2115	7		1.1	N/A	
86065	69	45.1	132	30.7	Aug 17	1830	7		N/A	Yes	6.1

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* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile.

Table 1. Summary for 1986 continued.

Station	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Date Sampled	Gmt*	Total Depth (m)	Ice Depth (m)	Secchi Depth (m)	CTD** Profile	Profile Depth (Dbar)
86066	69	58.0	132	30.5	Aug 17	2205	17		4.3	Yes	16.1
86067	70	10.8	132	29.7	Aug 18	1500	30		9.8	Yes	30.1
86068	70	43.5	132	29.0	Aug 18	2315	51		14.8	Yes	51.2
86069	71	28.1	129	40.6	Aug 19	1315	112		23.8	Yes	90.5
86070	71	20.8	129	41.1	Aug 19	1945	51		16.3	Yes	50.6
86071	70	53.8	129	29.3	Aug 20	1954	32		17.5	Yes	31.7
86072	70	12.3	131	01.8	Aug 21	2215	16		1.5	Yes	15.7
86034	69	30.7	133	06.5	Aug 27	1730	5		0.4	Yes	4.8
86073	69	32.5	133	07.7	Aug 28	2035	5		0.4	Yes	4.5
86074	69	30.1	133	12.0	Aug 28	2355	5		0.3	Yes	4.1
86075	69	27.9	133	23.6	Aug 29	2010	3		0.2	Yes	2.6
86076	69	52.1	133	10.8	Aug 30	1820	15		2.2	Yes	14.3
86077	69	35.1	133	11.8	Aug 30	2330	5		0.3	Yes	4.5
86078	70	11.9	131	02.6	Sep 4	2310	16		2.6	Yes	16.1
86079	70	08.3	130	54.9	Sep 5	1630	7		2.3	Yes	6.0
86080	69	34.2	136	09.8	Sep 10	0215	7		0.2	Yes	6.4
86034	69	30.7	133	06.5	Sep 12	1955	5		N/A	N/A	
86081	69	41.2	138	37.6	Sep 15	0050	153		5.0	Yes	152.6
86082	69	37.7	138	44.8	Sep 16	1645	49		9.3	Yes	48.7
86083	69	36.7	138	48.4	Sep 16	2005	16		N/A	Yes	14.5
86084	69	35.1	138	50.8	Sep 16	2240	7		1.8	Yes	5.8
86050	69	17.7	138	25.6	Sep 17	2000	7		N/A	N/A	
86085	69	06.5	137	56.3	Sep 17	2215	7		1.9	Yes	6.3
86086	69	07.1	137	55.2	Sep 17	2355	16		4.4	Yes	15.4
86087	69	10.3	137	53.9	Sep 17	0210	30		8.3	Yes	29.7
86088	69	28.4	137	34.1	Sep 18	2010	50		10.8	Yes	50.1
86089	69	32.7	137	06.5	Sep 18	0015	29		11.3	Yes	29.4
86090	69	33.7	136	47.8	Sep 19	1600	16		8.9	Yes	15.2
86091	69	34.3	136	08.9	Sep 19	1915	7		0.5	Yes	6.6
86092	69	48.1	134	24.6	Sep 20	1515	7		0.9	Yes	6.3
86093	69	57.1	134	09.3	Sep 20	1850	15		2.3	Yes	14.8
86094	70	04.5	133	51.3	Sep 20	2140	32		2.4	Yes	31.6

* Gmt - Greenwich mean time.
** CTD - Conductivity, Temperature, Density.
*** N/A - Not Available; BCP - Bottle Cast Profile.

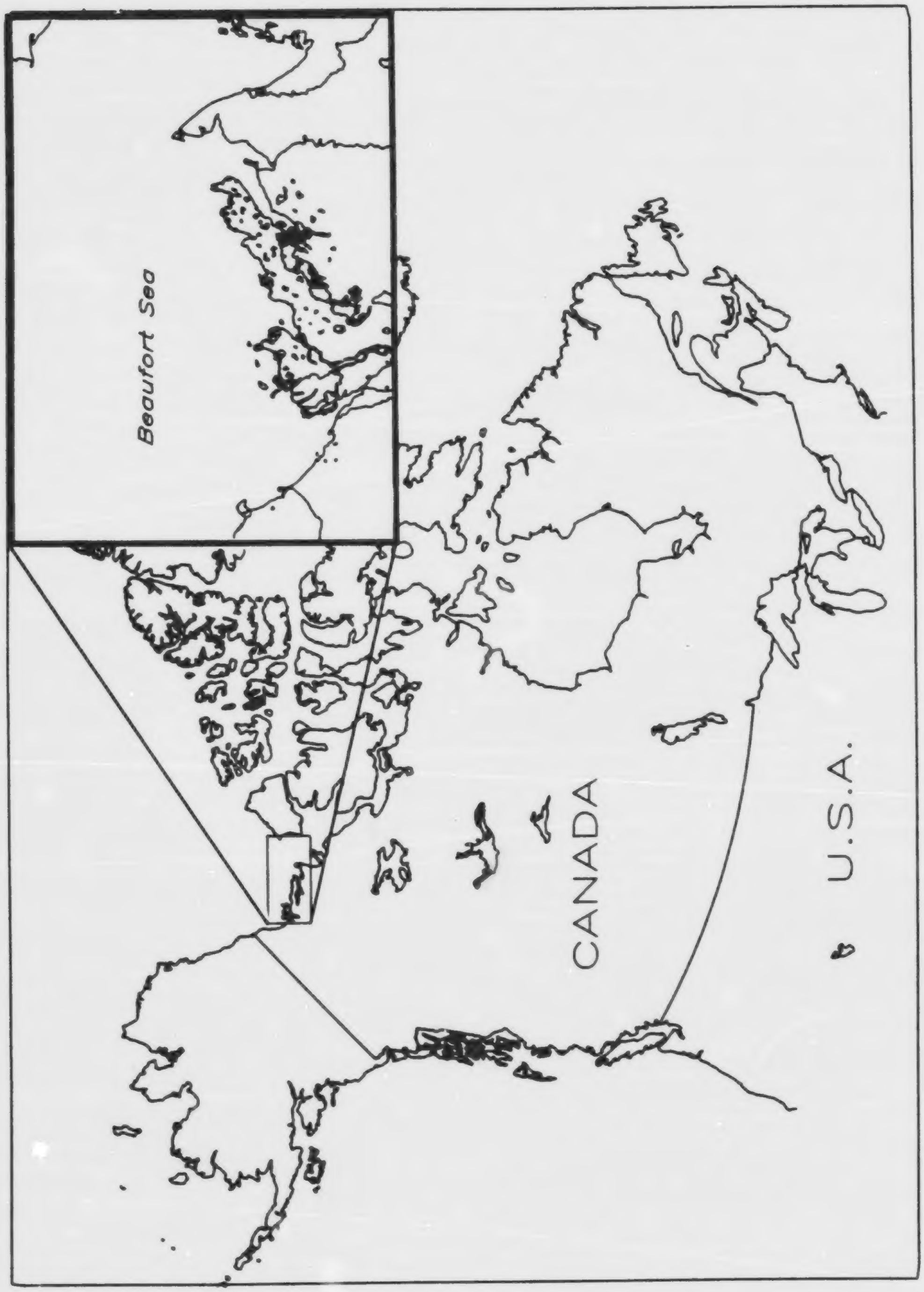

Fig. 1. Location of Beaufort Sea study area.

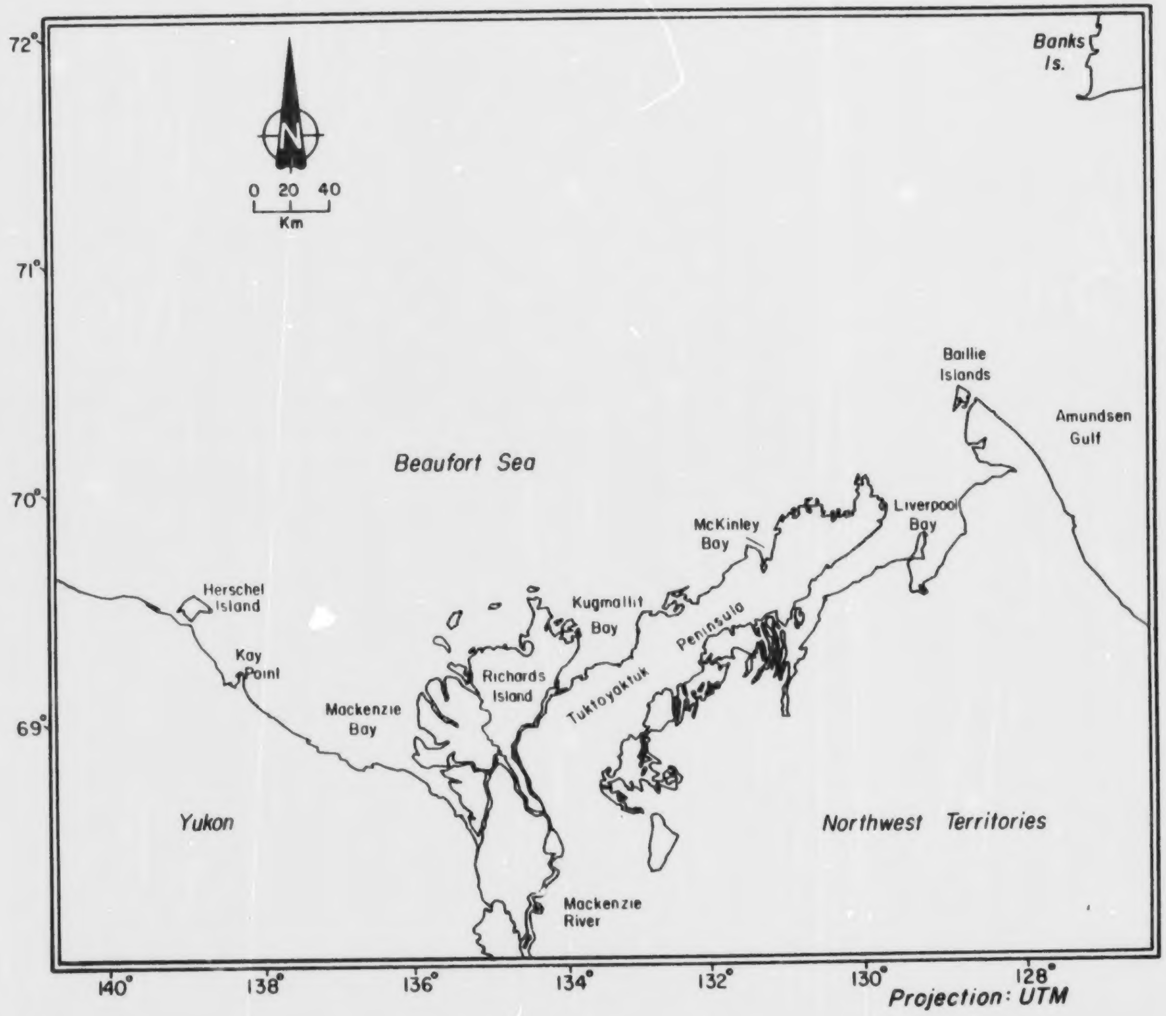

Fig. 2. Detailed map of study area.

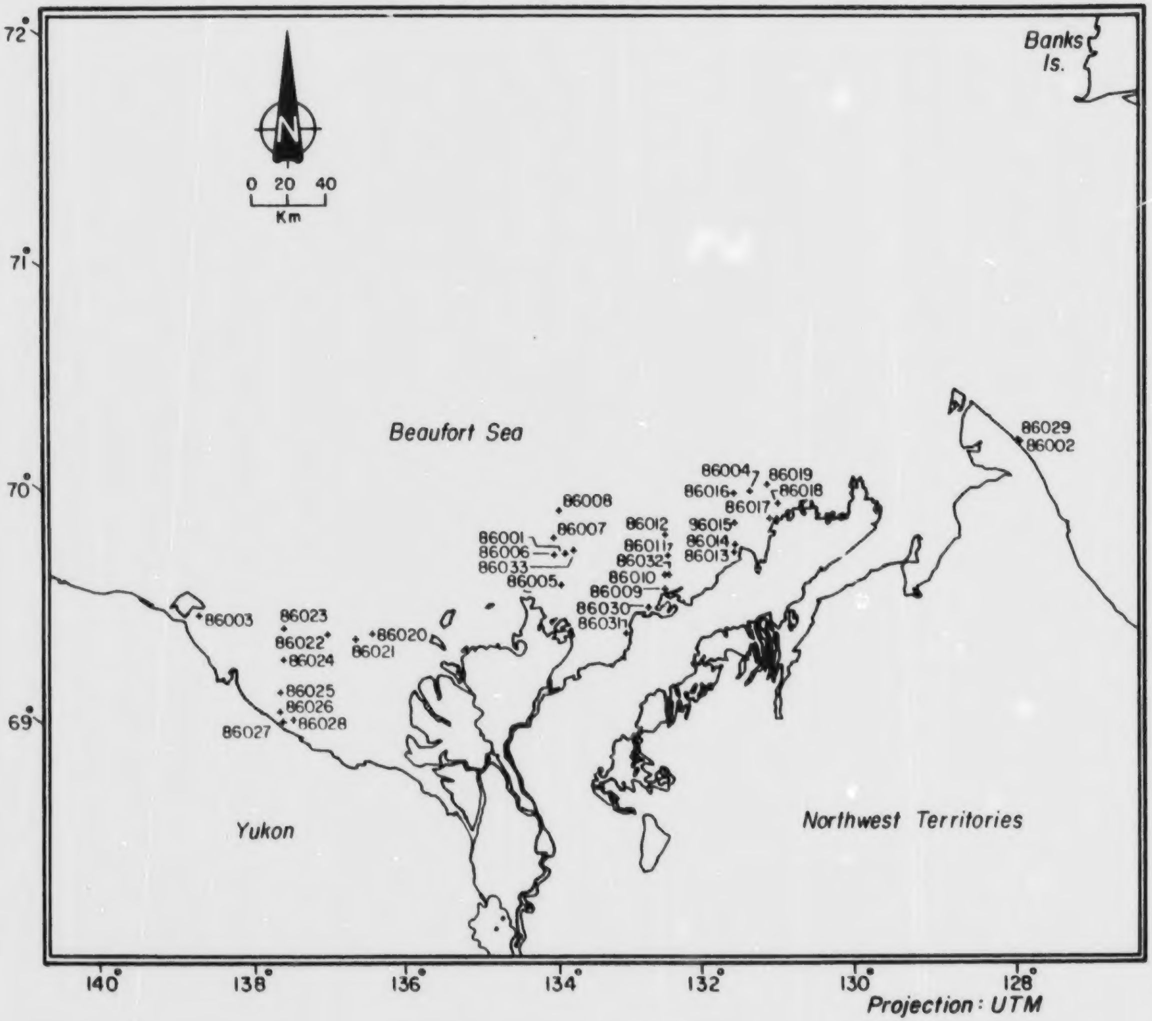

Fig. 3. Stations sampled in March and May, 1986.

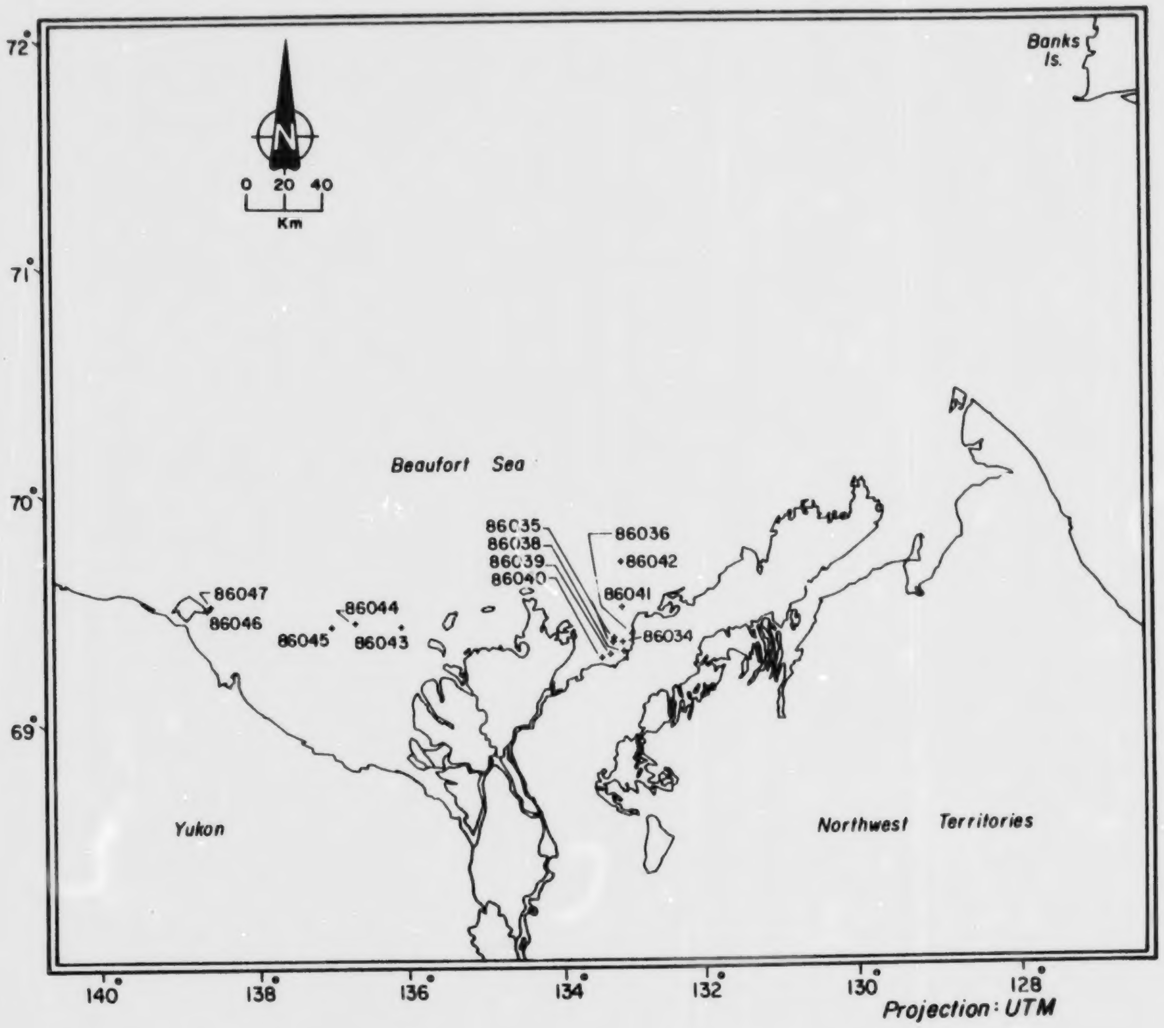

Fig. 4. Stations sampled in July, 1986.

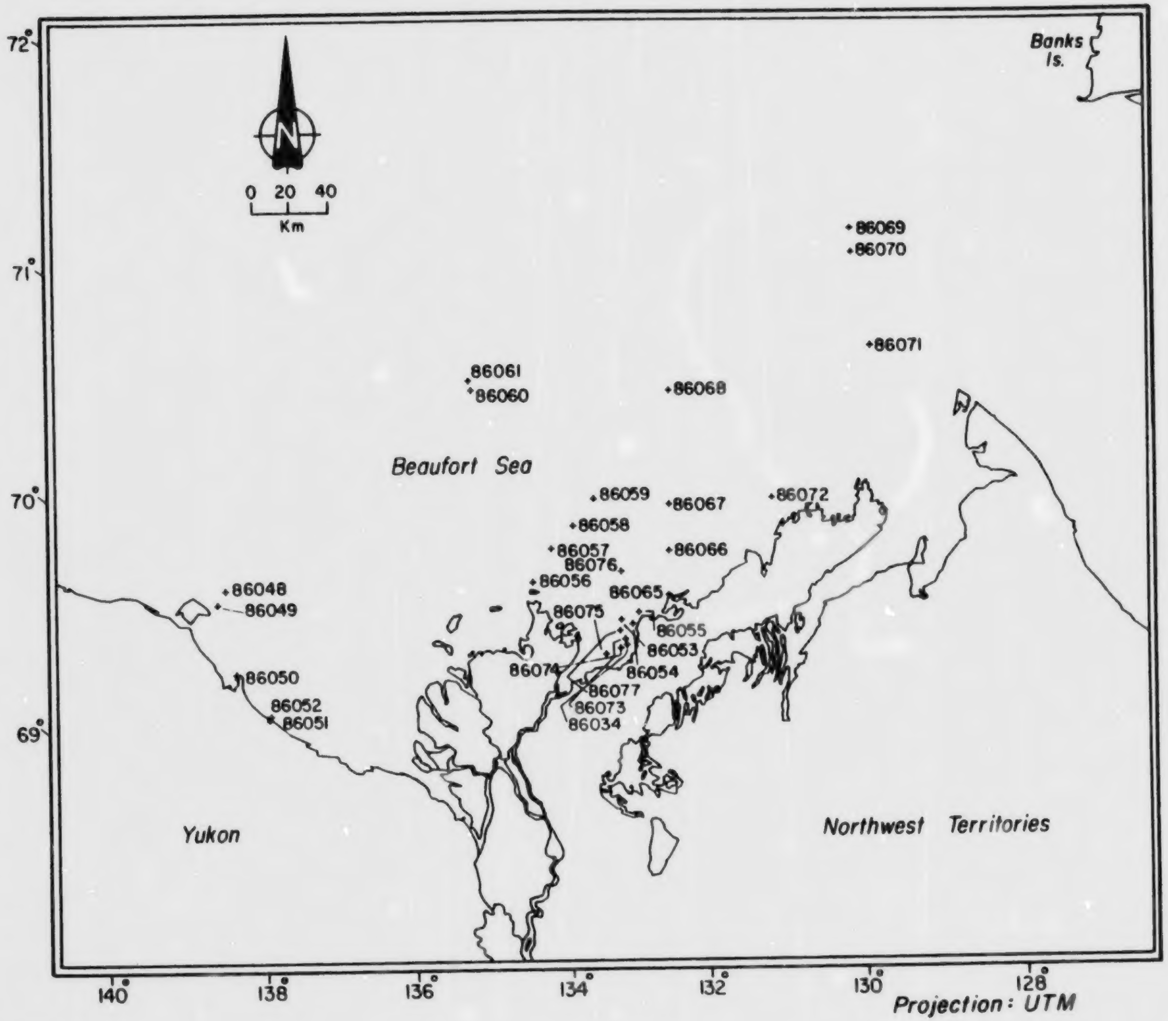

Fig. 5. Stations sampled in August, 1986.

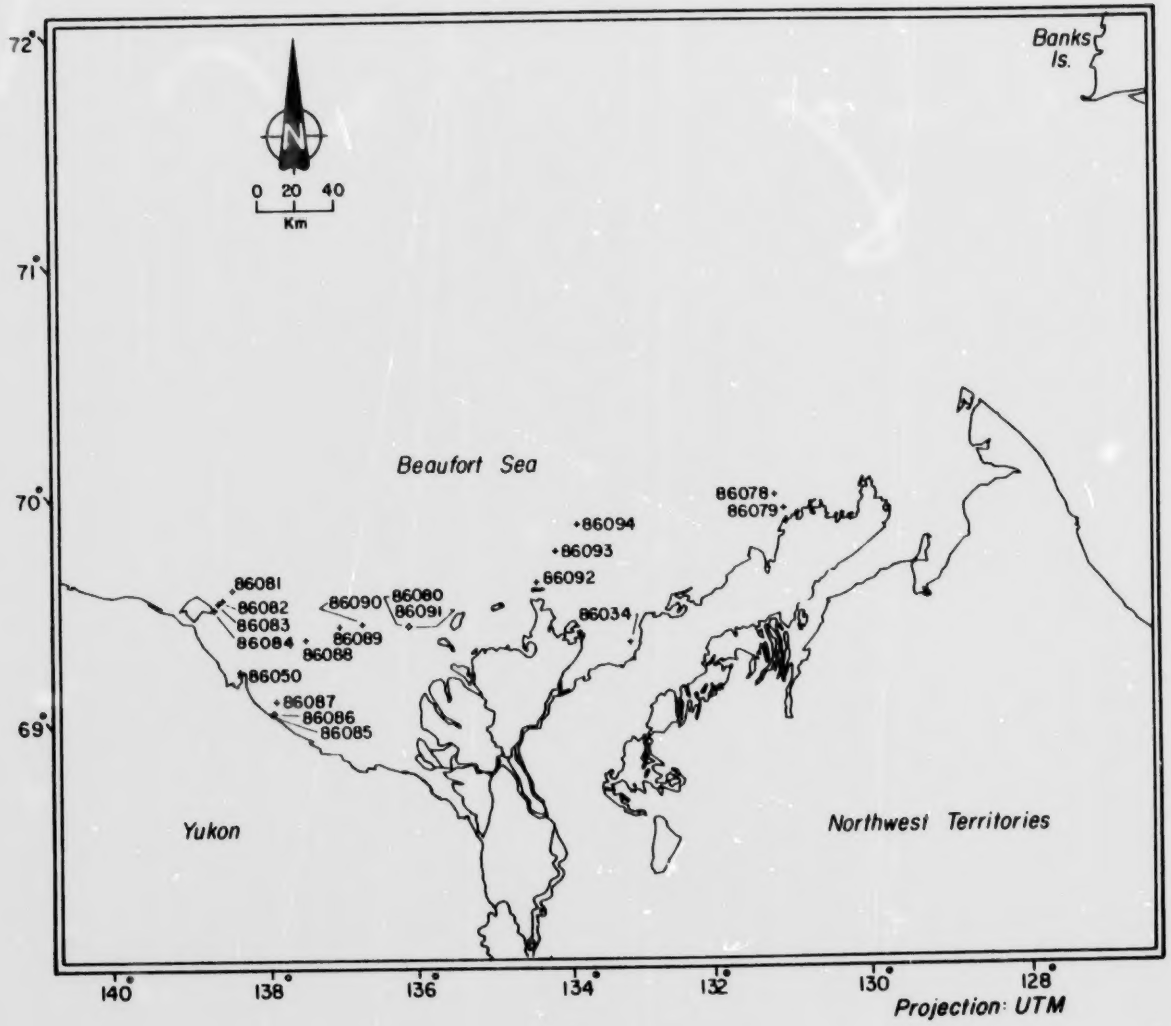

Fig. 6. Stations sampled in September, 1986.

APPENDIX A

CTD data tables and plotted profiles.

Note: In Tables A1.1 to A1.95 the notation: kg•m**-3 is interpreted as: $kg{\cdot}m^{-3}$.

STATION: 86001 DATE: 23 March

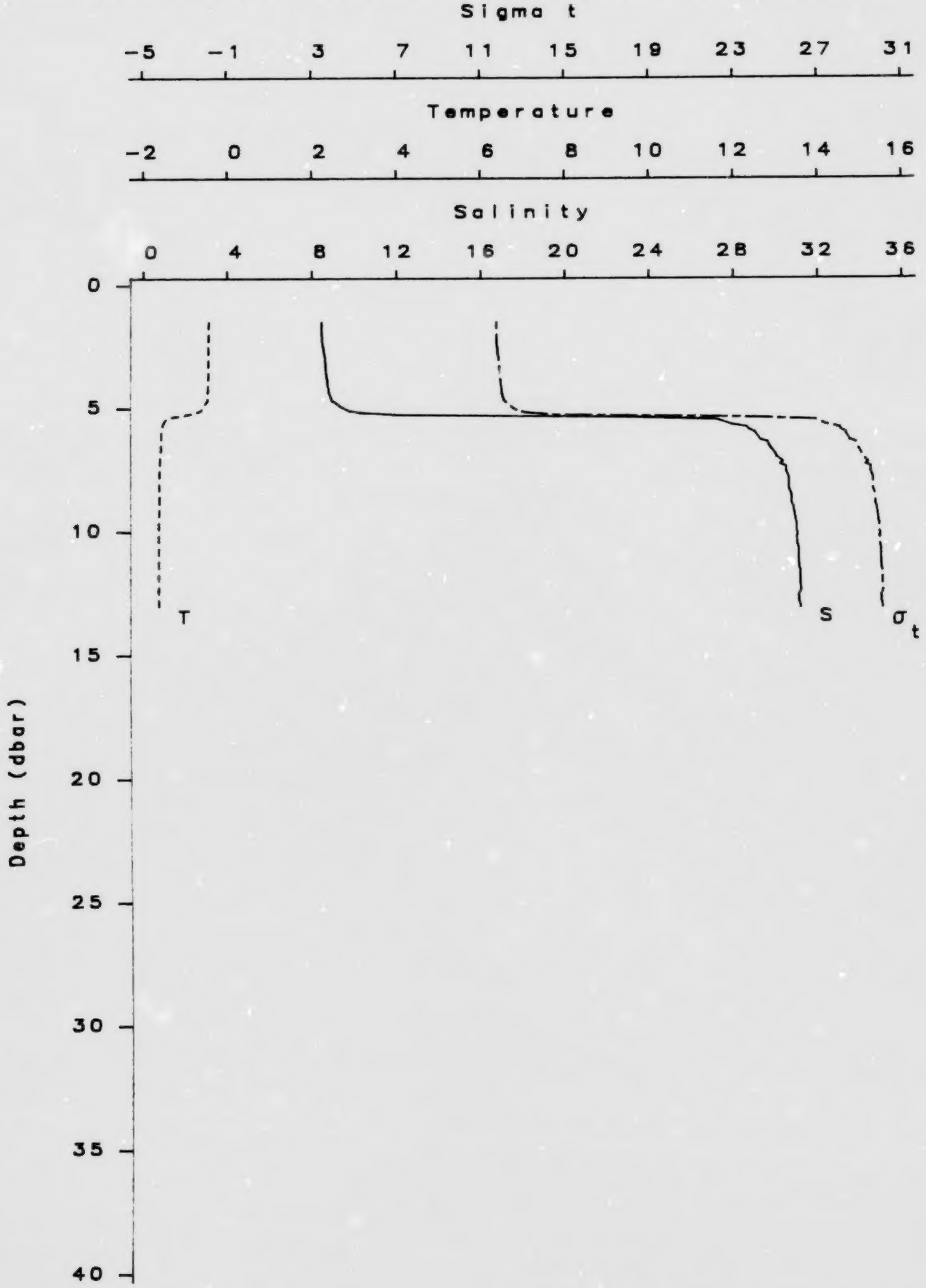

Table A1.1. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86001, March 23, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.5	8.45	-0.46	1006.69	5.2	10.24	-0.76	1008.12	9.5	30.89	-1.64	1024.84
1.6	8.45	-0.46	1006.69	5.3	11.88	-1.04	1009.44	9.6	30.91	-1.64	1024.85
1.7	8.44	-0.46	1006.68	5.4	22.97	-1.41	1018.41	9.7	30.95	-1.64	1024.89
1.9	8.45	-0.46	1006.69	5.5	27.22	-1.49	1021.86	10.0	30.96	-1.64	1024.89
2.0	8.45	-0.46	1006.69	5.7	27.90	-1.55	1022.41	10.1	30.99	-1.64	1024.92
2.1	8.47	-0.46	1006.70	5.8	28.62	-1.57	1022.99	10.2	30.94	-1.64	1024.88
2.2	8.48	-0.46	1006.71	5.9	28.71	-1.58	1023.07	10.4	30.97	-1.64	1024.90
2.3	8.47	-0.46	1006.70	6.0	28.96	-1.58	1023.27	10.5	30.96	-1.63	1024.89
2.5	8.52	-0.47	1006.74	6.3	29.23	-1.58	1023.49	10.6	31.01	-1.64	1024.93
2.6	8.54	-0.47	1006.76	6.4	29.57	-1.59	1023.76	10.7	31.04	-1.64	1024.96
2.7	8.56	-0.47	1006.77	6.5	29.63	-1.59	1023.81	10.9	31.04	-1.64	1024.96
2.8	8.57	-0.47	1006.78	6.6	29.69	-1.59	1023.86	11.1	31.05	-1.64	1024.97
3.0	8.62	-0.47	1006.82	6.9	29.95	-1.61	1024.07	11.2	31.07	-1.64	1024.98
3.1	8.60	-0.47	1006.81	7.0	30.00	-1.61	1024.11	11.3	31.07	-1.64	1024.98
3.2	8.64	-0.47	1006.84	7.2	30.29	-1.62	1024.35	11.5	31.08	-1.64	1024.99
3.3	8.65	-0.47	1006.85	7.3	30.16	-1.62	1024.24	11.6	31.12	-1.64	1025.02
3.4	8.66	-0.47	1006.85	7.4	30.43	-1.63	1024.46	11.7	31.09	-1.64	1025.00
3.6	8.67	-0.47	1006.86	7.6	30.45	-1.63	1024.48	11.8	31.12	-1.64	1025.02
3.7	8.69	-0.47	1006.88	7.8	30.56	-1.63	1024.57	12.0	31.13	-1.64	1025.03
3.8	8.70	-0.47	1006.89	7.9	30.59	-1.63	1024.59	12.1	31.11	-1.64	1025.02
3.9	8.72	-0.47	1006.90	8.0	30.56	-1.63	1024.57	12.2	31.13	-1.64	1025.03
4.1	8.75	-0.48	1006.93	8.3	30.56	-1.64	1024.57	12.3	31.15	-1.64	1025.05
4.3	8.80	-0.48	1006.97	8.4	30.64	-1.63	1024.63	12.4	31.14	-1.64	1025.04
4.4	8.81	-0.49	1006.98	8.5	30.69	-1.63	1024.67	12.6	31.02	-1.64	1024.94
4.6	8.89	-0.49	1007.04	8.6	30.71	-1.63	1024.69	12.7	31.05	-1.63	1024.97
4.7	8.93	-0.49	1007.07	8.9	30.72	-1.63	1024.70	12.8	31.01	-1.64	1024.93
4.8	9.12	-0.53	1007.22	9.0	30.78	-1.63	1024.75	12.9	31.09	-1.64	1025.00
4.9	9.26	-0.57	1007.34	9.2	30.82	-1.64	1024.78	13.1	31.13	-1.63	1025.03
5.1	9.67	-0.65	1007.66	9.4	30.87	-1.64	1024.82				

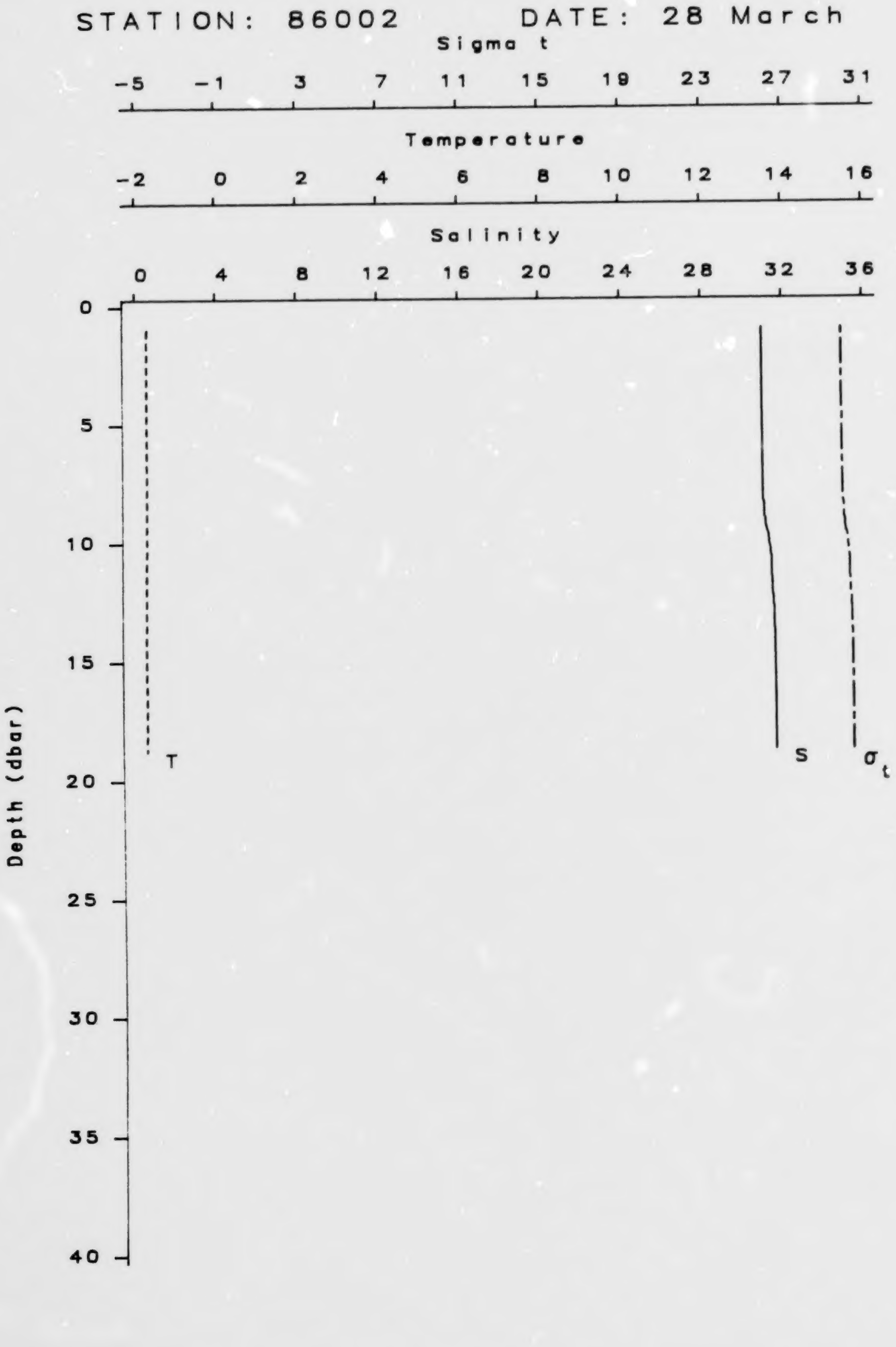
STATION: 86002 DATE: 28 March
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
Depth (dbar)
0 5 10 15 20 25 30 35 40
T
S
σ_t

Table A1.2. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86002, March 28, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.0	31.02	-1.69	1024.94	6.9	31.02	-1.69	1024.94	13.3	31.58	-1.71	1025.40
1.1	31.03	-1.70	1024.95	7.2	31.05	-1.70	1024.97	13.4	31.58	-1.71	1025.40
1.2	31.02	-1.70	1024.94	7.3	31.04	-1.69	1024.96	13.6	31.58	-1.71	1025.40
1.5	31.02	-1.70	1024.94	7.4	31.04	-1.69	1024.96	13.7	31.58	-1.72	1025.40
1.6	31.03	-1.70	1024.95	7.5	31.05	-1.70	1024.97	13.8	31.60	-1.71	1025.42
1.9	31.00	-1.69	1024.93	7.6	31.04	-1.70	1024.96	13.9	31.59	-1.72	1025.41
2.0	31.02	-1.70	1024.94	7.8	31.04	-1.69	1024.96	14.1	31.58	-1.72	1025.40
2.1	31.01	-1.69	1024.94	7.9	31.04	-1.70	1024.96	14.2	31.60	-1.71	1025.42
2.2	31.02	-1.70	1024.94	8.0	31.05	-1.70	1024.97	14.3	31.59	-1.71	1025.41
2.3	31.02	-1.69	1024.94	8.3	31.06	-1.70	1024.98	14.4	31.59	-1.71	1025.41
2.5	31.03	-1.70	1024.95	8.4	31.09	-1.70	1025.00	14.5	31.61	-1.72	1025.42
2.6	31.02	-1.70	1024.94	8.5	31.11	-1.69	1025.02	14.7	31.59	-1.71	1025.41
2.8	31.02	-1.70	1024.94	8.7	31.12	-1.70	1025.02	14.8	31.61	-1.71	1025.42
3.0	31.02	-1.70	1024.94	9.0	31.12	-1.70	1025.02	15.0	31.61	-1.72	1025.42
3.2	31.01	-1.70	1024.94	9.1	31.17	-1.70	1025.07	15.2	31.61	-1.71	1025.42
3.3	31.01	-1.69	1024.94	9.2	31.17	-1.70	1025.07	15.4	31.62	-1.72	1025.43
3.4	31.01	-1.70	1024.94	9.4	31.19	-1.70	1025.08	15.5	31.62	-1.71	1025.43
3.6	31.01	-1.70	1024.94	9.5	31.22	-1.70	1025.11	15.6	31.63	-1.72	1025.44
3.7	31.01	-1.70	1024.94	9.6	31.24	-1.71	1025.12	15.8	31.63	-1.71	1025.44
3.8	31.01	-1.70	1024.94	9.7	31.29	-1.71	1025.16	16.0	31.61	-1.71	1025.42
3.9	31.01	-1.70	1024.94	9.8	31.32	-1.70	1025.19	16.2	31.63	-1.71	1025.44
4.1	31.01	-1.70	1024.94	10.0	31.34	-1.70	1025.20	16.3	31.61	-1.71	1025.42
4.2	31.02	-1.70	1024.94	10.2	31.36	-1.69	1025.22	16.4	31.61	-1.71	1025.42
4.3	31.01	-1.70	1024.94	10.4	31.41	-1.70	1025.26	16.5	31.63	-1.71	1025.44
4.4	31.01	-1.70	1024.94	10.6	31.42	-1.71	1025.27	16.6	31.63	-1.71	1025.44
4.6	31.03	-1.70	1024.95	10.7	31.45	-1.71	1025.29	16.8	31.63	-1.71	1025.44
4.7	31.04	-1.70	1024.96	10.9	31.43	-1.71	1025.28	16.9	31.62	-1.71	1025.43
4.8	31.01	-1.70	1024.94	11.1	31.45	-1.71	1025.29	17.1	31.62	-1.71	1025.43
4.9	31.01	-1.69	1024.94	11.3	31.46	-1.71	1025.30	17.3	31.63	-1.71	1025.44
5.1	31.01	-1.70	1024.94	11.5	31.45	-1.70	1025.29	17.4	31.63	-1.71	1025.44
5.2	31.01	-1.70	1024.94	11.6	31.48	-1.71	1025.32	17.5	31.64	-1.71	1025.45
5.3	31.02	-1.70	1024.94	11.7	31.49	-1.71	1025.33	17.6	31.63	-1.71	1025.44
5.4	31.03	-1.70	1024.95	11.8	31.50	-1.71	1025.33	17.7	31.64	-1.71	1025.45
5.5	31.03	-1.70	1024.95	12.0	31.49	-1.71	1025.33	17.9	31.63	-1.71	1025.44
5.7	31.03	-1.69	1024.95	12.1	31.50	-1.71	1025.33	18.0	31.64	-1.72	1025.45
5.9	31.03	-1.69	1024.95	12.2	31.51	-1.71	1025.34	18.1	31.65	-1.71	1025.46
6.0	31.02	-1.69	1024.94	12.3	31.52	-1.71	1025.35	18.2	31.63	-1.71	1025.44
6.2	31.03	-1.70	1024.95	12.4	31.54	-1.71	1025.37	18.4	31.64	-1.72	1025.45
6.3	31.04	-1.70	1024.96	12.6	31.54	-1.71	1025.37	18.5	31.65	-1.71	1025.46
6.4	31.03	-1.69	1024.95	12.7	31.54	-1.71	1025.37	18.6	31.63	-1.71	1025.44
6.5	31.03	-1.69	1024.95	12.8	31.57	-1.72	1025.39	18.7	31.64	-1.71	1025.45
6.6	31.03	-1.70	1024.95	13.1	31.57	-1.71	1025.39	18.8	31.64	-1.71	1025.45
6.8	31.05	-1.70	1024.97	13.2	31.56	-1.71	1025.38				

STATION: 86003 DATE: 29 March

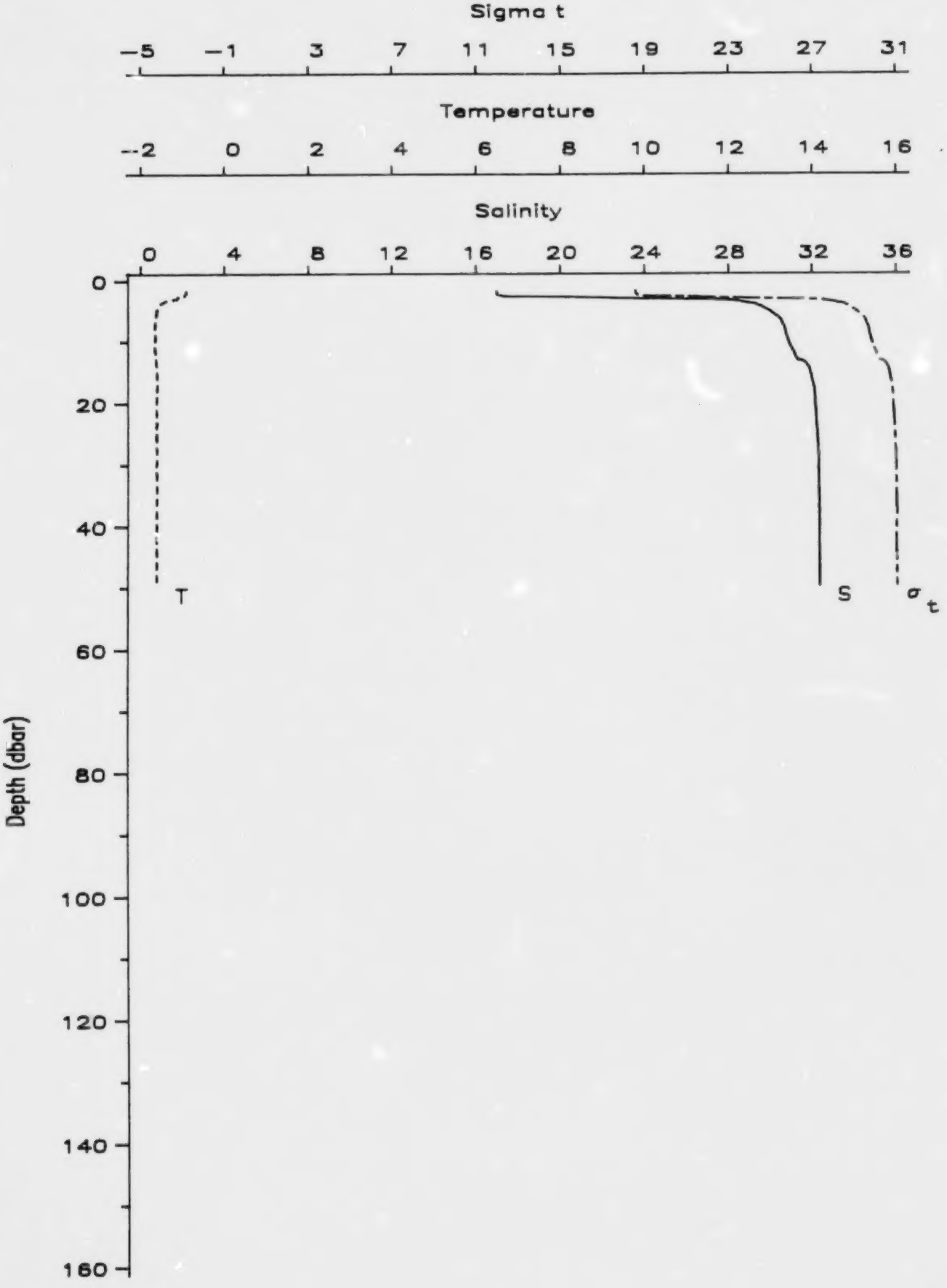

Table A1.3. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86003, March 29, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.7	16.97	-0.93	1013.56	8.3	30.72	-1.66	1024.70	14.4	31.84	-1.61	1025.61
1.9	16.96	-0.93	1013.55	8.4	30.73	-1.66	1024.71	14.5	31.85	-1.61	1025.62
2.0	16.97	-0.93	1013.56	8.5	30.73	-1.66	1024.71	14.7	31.87	-1.61	1025.63
2.1	16.98	-0.93	1013.57	8.6	30.74	-1.66	1024.72	14.8	31.88	-1.61	1025.64
2.3	17.02	-0.94	1013.60	8.7	30.73	-1.66	1024.71	15.0	31.89	-1.61	1025.65
2.6	17.31	-1.00	1013.83	8.9	30.76	-1.66	1024.73	15.2	31.91	-1.61	1025.66
2.7	20.05	-1.13	1016.05	9.0	30.77	-1.66	1024.74	15.3	31.91	-1.61	1025.66
3.0	23.57	-1.14	1018.90	9.2	30.79	-1.66	1024.76	15.4	31.92	-1.61	1025.67
3.1	26.07	-1.23	1020.92	9.4	30.80	-1.66	1024.76	15.5	31.93	-1.61	1025.68
3.2	27.46	-1.32	1022.05	9.5	30.80	-1.66	1024.76	15.6	31.95	-1.61	1025.70
3.3	28.06	-1.39	1022.54	9.6	30.82	-1.66	1024.78	15.8	31.96	-1.61	1025.71
3.4	28.37	-1.44	1022.79	9.7	30.84	-1.66	1024.80	16.0	31.96	-1.61	1025.71
3.6	28.69	-1.48	1023.05	9.8	30.85	-1.67	1024.81	16.2	31.98	-1.61	1025.72
3.7	28.86	-1.51	1023.19	10.0	30.86	-1.67	1024.81	16.3	31.98	-1.61	1025.72
3.8	28.97	-1.54	1023.28	10.1	30.89	-1.67	1024.84	16.5	31.99	-1.61	1025.73
3.9	29.29	-1.57	1023.54	10.2	30.89	-1.67	1024.84	16.8	32.01	-1.61	1025.75
4.1	29.37	-1.58	1023.60	10.4	30.89	-1.67	1024.84	16.9	32.03	-1.61	1025.76
4.2	29.47	-1.60	1023.68	10.5	30.92	-1.67	1024.86	17.0	32.04	-1.61	1025.77
4.3	29.56	-1.61	1023.76	10.6	30.93	-1.67	1024.87	17.1	32.04	-1.61	1025.77
4.4	29.63	-1.61	1023.81	10.7	30.95	-1.67	1024.89	17.3	32.05	-1.61	1025.78
4.6	29.69	-1.61	1023.86	10.9	30.96	-1.67	1024.89	17.4	32.06	-1.61	1025.79
4.7	29.75	-1.61	1023.91	11.0	30.98	-1.67	1024.91	17.6	32.08	-1.62	1025.80
4.8	29.84	-1.62	1023.98	11.1	31.01	-1.66	1024.93	17.7	32.08	-1.61	1025.80
5.1	29.97	-1.63	1024.09	11.2	31.02	-1.66	1024.94	17.9	32.08	-1.61	1025.80
5.2	30.05	-1.63	1024.15	11.5	31.05	-1.65	1024.97	18.0	32.08	-1.62	1025.80
5.3	30.08	-1.63	1024.18	11.6	31.08	-1.64	1024.99	18.1	32.08	-1.62	1025.80
5.4	30.09	-1.63	1024.19	11.7	31.11	-1.64	1025.02	18.2	32.08	-1.61	1025.80
5.5	30.15	-1.63	1024.24	11.8	31.13	-1.64	1025.03	18.4	32.10	-1.62	1025.82
5.7	30.22	-1.63	1024.29	12.0	31.14	-1.63	1025.04	18.6	32.10	-1.62	1025.82
5.8	30.26	-1.64	1024.33	12.1	31.14	-1.63	1025.04	18.8	32.11	-1.62	1025.83
5.9	30.32	-1.64	1024.37	12.2	31.17	-1.63	1025.06	19.0	32.10	-1.61	1025.82
6.0	30.36	-1.64	1024.41	12.3	31.18	-1.63	1025.07	19.1	32.11	-1.62	1025.83
6.2	30.42	-1.65	1024.46	12.6	31.20	-1.64	1025.09	19.2	32.12	-1.62	1025.84
6.3	30.46	-1.65	1024.49	12.7	31.23	-1.63	1025.11	19.5	32.12	-1.62	1025.84
6.4	30.48	-1.65	1024.50	12.8	31.24	-1.64	1025.12	19.6	32.12	-1.62	1025.84
6.5	30.50	-1.66	1024.52	12.9	31.26	-1.63	1025.14	19.7	32.13	-1.62	1025.84
6.6	30.53	-1.66	1024.55	13.1	31.32	-1.63	1025.19	19.9	32.12	-1.62	1025.84
6.9	30.55	-1.66	1024.56	13.2	31.48	-1.62	1025.32	20.0	32.13	-1.62	1025.84
7.0	30.56	-1.66	1024.57	13.4	31.61	-1.62	1025.42	20.2	32.13	-1.62	1025.84
7.3	30.60	-1.66	1024.60	13.6	31.67	-1.62	1025.47	20.3	32.13	-1.62	1025.84
7.4	30.62	-1.66	1024.62	13.7	31.71	-1.62	1025.50	20.5	32.13	-1.62	1025.84
7.5	30.65	-1.66	1024.64	13.8	31.74	-1.61	1025.53	20.6	32.13	-1.62	1025.84
7.6	30.67	-1.67	1024.66	13.9	31.74	-1.61	1025.53	20.7	32.15	-1.62	1025.86
7.8	30.70	-1.66	1024.68	14.1	31.78	-1.61	1025.56	21.0	32.14	-1.62	1025.85
8.0	30.71	-1.66	1024.69	14.2	31.82	-1.61	1025.59	21.1	32.14	-1.62	1025.85
8.1	30.71	-1.66	1024.69	14.3	31.84	-1.61	1025.61	21.2	32.16	-1.62	1025.87

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Table A1.3. Station 86003 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.4	32.16	-1.62	1025.87	27.5	32.25	-1.62	1025.94	33.6	32.28	-1.62	1025.97
21.6	32.16	-1.62	1025.87	27.6	32.26	-1.62	1025.95	33.8	32.28	-1.62	1025.97
21.7	32.16	-1.62	1025.87	27.7	32.25	-1.62	1025.94	33.9	32.28	-1.62	1025.97
21.9	32.16	-1.62	1025.87	27.8	32.26	-1.62	1025.95	34.0	32.28	-1.62	1025.97
22.1	32.17	-1.62	1025.88	28.0	32.26	-1.62	1025.95	34.1	32.28	-1.62	1025.97
22.2	32.17	-1.62	1025.88	28.1	32.26	-1.62	1025.95	34.3	32.28	-1.62	1025.97
22.3	32.17	-1.62	1025.88	28.2	32.26	-1.62	1025.95	34.5	32.28	-1.62	1025.97
22.4	32.17	-1.62	1025.88	28.4	32.26	-1.62	1025.95	34.6	32.28	-1.62	1025.97
22.6	32.18	-1.62	1025.88	28.5	32.26	-1.62	1025.95	34.8	32.28	-1.62	1025.97
22.7	32.18	-1.63	1025.88	28.6	32.27	-1.62	1025.96	34.9	32.28	-1.62	1025.97
22.8	32.18	-1.62	1025.88	28.7	32.26	-1.62	1025.95	35.0	32.28	-1.62	1025.97
22.9	32.18	-1.62	1025.88	28.9	32.27	-1.62	1025.96	35.1	32.28	-1.62	1025.97
23.1	32.18	-1.62	1025.88	29.0	32.27	-1.62	1025.96	35.3	32.28	-1.62	1025.97
23.2	32.18	-1.62	1025.88	29.1	32.27	-1.62	1025.96	35.4	32.29	-1.62	1025.97
23.3	32.18	-1.62	1025.88	29.2	32.27	-1.62	1025.96	35.6	32.28	-1.61	1025.97
23.4	32.18	-1.62	1025.88	29.3	32.26	-1.62	1025.95	35.7	32.28	-1.62	1025.97
23.5	32.19	-1.62	1025.89	29.5	32.27	-1.62	1025.96	35.9	32.28	-1.61	1025.97
23.7	32.18	-1.63	1025.88	29.6	32.27	-1.62	1025.96	36.0	32.28	-1.62	1025.97
23.8	32.18	-1.62	1025.88	29.7	32.27	-1.62	1025.96	36.1	32.28	-1.62	1025.97
23.9	32.18	-1.62	1025.88	29.8	32.27	-1.62	1025.96	36.4	32.28	-1.62	1025.97
24.0	32.19	-1.62	1025.89	30.0	32.27	-1.63	1025.96	36.5	32.28	-1.62	1025.97
24.2	32.20	-1.62	1025.90	30.2	32.27	-1.62	1025.96	36.6	32.28	-1.62	1025.97
24.4	32.21	-1.62	1025.91	30.3	32.27	-1.62	1025.96	36.7	32.28	-1.62	1025.97
24.5	32.21	-1.63	1025.91	30.4	32.26	-1.62	1025.95	36.8	32.28	-1.62	1025.97
24.6	32.21	-1.62	1025.91	30.6	32.27	-1.62	1025.96	37.0	32.28	-1.62	1025.97
24.8	32.21	-1.62	1025.91	30.7	32.27	-1.62	1025.96	37.1	32.28	-1.62	1025.97
24.9	32.22	-1.63	1025.92	30.8	32.27	-1.62	1025.96	37.2	32.31	-1.62	1025.99
25.0	32.21	-1.62	1025.91	30.9	32.27	-1.62	1025.96	37.3	32.28	-1.62	1025.97
25.1	32.21	-1.62	1025.91	31.1	32.27	-1.62	1025.96	37.5	32.28	-1.62	1025.97
25.3	32.21	-1.62	1025.91	31.2	32.28	-1.63	1025.97	37.6	32.28	-1.62	1025.97
25.4	32.21	-1.62	1025.91	31.3	32.27	-1.62	1025.96	37.7	32.29	-1.62	1025.97
25.5	32.22	-1.62	1025.92	31.4	32.27	-1.62	1025.96	37.9	32.28	-1.62	1025.97
25.6	32.22	-1.62	1025.92	31.6	32.27	-1.62	1025.96	38.0	32.29	-1.62	1025.97
25.8	32.22	-1.62	1025.92	31.7	32.27	-1.62	1025.96	38.1	32.29	-1.62	1025.97
25.9	32.23	-1.62	1025.93	31.9	32.27	-1.62	1025.96	38.2	32.29	-1.62	1025.97
26.1	32.24	-1.62	1025.93	32.1	32.27	-1.62	1025.96	38.3	32.28	-1.62	1025.97
26.3	32.24	-1.63	1025.93	32.2	32.28	-1.62	1025.97	38.5	32.29	-1.62	1025.97
26.4	32.24	-1.62	1025.93	32.4	32.27	-1.62	1025.96	38.7	32.29	-1.62	1025.97
26.5	32.24	-1.62	1025.93	32.5	32.28	-1.62	1025.97	38.8	32.29	-1.62	1025.97
26.6	32.25	-1.62	1025.94	32.8	32.27	-1.62	1025.96	39.0	32.29	-1.62	1025.97
26.7	32.26	-1.63	1025.95	32.9	32.27	-1.62	1025.96	39.2	32.29	-1.62	1025.97
26.9	32.25	-1.62	1025.94	33.0	32.27	-1.62	1025.96	39.3	32.29	-1.62	1025.97
27.0	32.25	-1.62	1025.94	33.2	32.27	-1.62	1025.96	39.4	32.29	-1.62	1025.97
27.1	32.25	-1.62	1025.94	33.3	32.27	-1.62	1025.96	39.6	32.29	-1.62	1025.97
27.2	32.25	-1.62	1025.94	33.4	32.28	-1.62	1025.97	39.7	32.29	-1.62	1025.97
27.4	32.25	-1.62	1025.94	33.5	32.28	-1.62	1025.97	39.8	32.29	-1.62	1025.97

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Table A1.3. Station 86003 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
39.9	32.29	-1.62	1025.97	43.4	32.28	-1.61	1025.97	46.6	32.30	-1.62	1025.98
40.1	32.29	-1.62	1025.97	43.5	32.29	-1.62	1025.97	46.7	32.30	-1.62	1025.98
40.2	32.29	-1.62	1025.97	43.6	32.27	-1.61	1025.96	46.9	32.30	-1.62	1025.98
40.3	32.29	-1.62	1025.97	43.9	32.29	-1.62	1025.97	47.0	32.30	-1.62	1025.98
40.6	32.29	-1.62	1025.97	44.0	32.29	-1.62	1025.97	47.1	32.29	-1.62	1025.97
40.7	32.29	-1.62	1025.97	44.1	32.29	-1.62	1025.97	47.2	32.30	-1.62	1025.98
40.8	32.29	-1.62	1025.97	44.3	32.29	-1.62	1025.97	47.3	32.30	-1.62	1025.98
40.9	32.29	-1.62	1025.97	44.4	32.29	-1.62	1025.97	47.5	32.30	-1.62	1025.98
41.1	32.29	-1.62	1025.97	44.5	32.29	-1.62	1025.97	47.6	32.30	-1.62	1025.98
41.2	32.30	-1.62	1025.98	44.6	32.28	-1.62	1025.97	47.7	32.30	-1.62	1025.98
41.3	32.29	-1.61	1025.97	44.7	32.29	-1.62	1025.97	47.8	32.30	-1.62	1025.98
41.4	32.29	-1.62	1025.97	44.9	32.30	-1.62	1025.98	48.1	32.30	-1.62	1025.98
41.5	32.29	-1.62	1025.97	45.0	32.29	-1.62	1025.97	48.2	32.30	-1.62	1025.98
41.7	32.29	-1.62	1025.97	45.1	32.29	-1.62	1025.97	48.4	32.30	-1.62	1025.98
41.8	32.29	-1.62	1025.97	45.2	32.30	-1.62	1025.98	48.6	32.30	-1.62	1025.98
41.9	32.29	-1.62	1025.97	45.4	32.29	-1.62	1025.97	48.7	32.30	-1.62	1025.98
42.0	32.29	-1.62	1025.97	45.5	32.30	-1.62	1025.98	48.8	32.29	-1.61	1025.97
42.2	32.29	-1.62	1025.97	45.6	32.29	-1.62	1025.97	48.9	32.30	-1.62	1025.98
42.3	32.29	-1.62	1025.97	45.7	32.30	-1.62	1025.98	49.1	32.28	-1.61	1025.97
42.4	32.29	-1.62	1025.97	45.9	32.29	-1.62	1025.97	49.2	32.30	-1.62	1025.98
42.5	32.29	-1.62	1025.97	46.0	32.29	-1.62	1025.97	49.3	32.29	-1.61	1025.97
42.8	32.29	-1.62	1025.97	46.1	32.30	-1.62	1025.98	49.4	32.30	-1.62	1025.98
42.9	32.29	-1.62	1025.97	46.2	32.30	-1.62	1025.98	49.6	32.29	-1.61	1025.97
43.0	32.29	-1.62	1025.97	46.3	32.30	-1.62	1025.98	49.7	32.28	-1.62	1025.97
43.3	32.29	-1.62	1025.97	46.5	32.29	-1.62	1025.97				

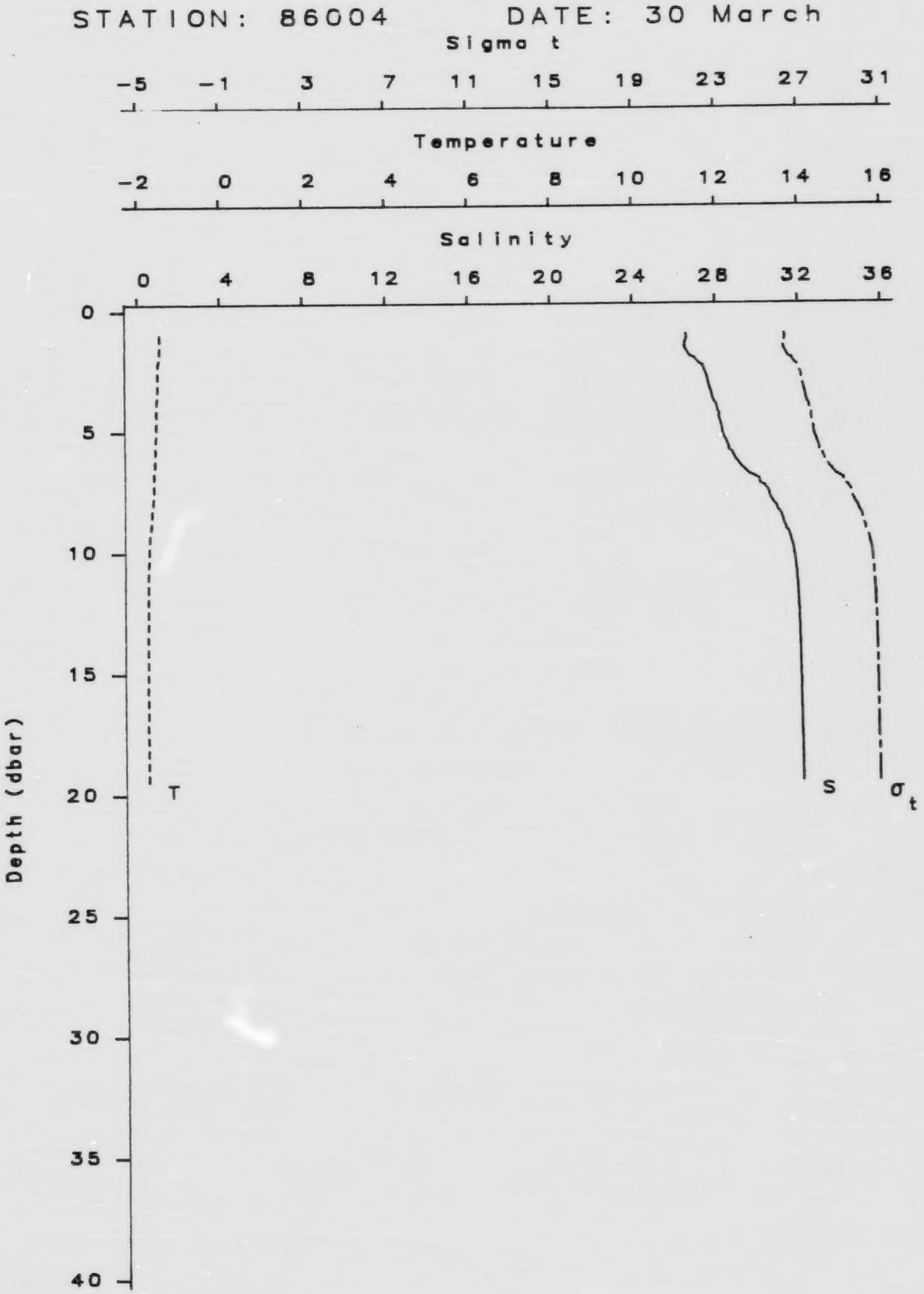
STATION: 86004 DATE: 30 March
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.4. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86004, March 30, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.0	26.61	-1.46	1021.36	7.3	30.36	-1.61	1024.41	13.8	32.05	-1.76	1025.78
1.1	26.63	-1.46	1021.38	7.5	30.53	-1.61	1024.54	13.9	32.04	-1.76	1025.77
1.2	26.61	-1.46	1021.36	7.6	30.57	-1.62	1024.58	14.2	32.05	-1.76	1025.78
1.4	26.51	-1.45	1021.28	7.8	30.64	-1.62	1024.63	14.3	32.05	-1.76	1025.78
1.5	26.50	-1.45	1021.27	7.9	30.73	-1.63	1024.71	14.4	32.05	-1.76	1025.78
1.6	26.57	-1.46	1021.33	8.0	30.78	-1.63	1024.75	14.5	32.05	-1.76	1025.78
1.9	26.78	-1.47	1021.50	8.1	30.90	-1.64	1024.85	14.8	32.06	-1.76	1025.79
2.0	27.00	-1.48	1021.68	8.3	31.00	-1.66	1024.93	14.9	32.06	-1.76	1025.79
2.2	27.20	-1.50	1021.84	8.4	31.10	-1.66	1025.01	15.0	32.05	-1.76	1025.78
2.3	27.39	-1.51	1021.99	8.5	31.17	-1.67	1025.07	15.2	32.08	-1.76	1025.81
2.5	27.49	-1.51	1022.08	8.7	31.24	-1.67	1025.12	15.3	32.06	-1.76	1025.79
2.7	27.59	-1.51	1022.16	8.9	31.31	-1.67	1025.18	15.5	32.09	-1.77	1025.81
2.8	27.62	-1.51	1022.18	9.0	31.38	-1.69	1025.24	15.6	32.07	-1.76	1025.80
3.0	27.66	-1.51	1022.21	9.1	31.38	-1.68	1025.24	15.8	32.08	-1.76	1025.81
3.2	27.74	-1.51	1022.28	9.2	31.50	-1.70	1025.33	15.9	32.07	-1.76	1025.80
3.3	27.77	-1.51	1022.30	9.4	31.58	-1.72	1025.40	16.0	32.08	-1.76	1025.81
3.4	27.81	-1.52	1022.34	9.6	31.64	-1.72	1025.45	16.2	32.07	-1.76	1025.80
3.6	27.86	-1.52	1022.38	9.7	31.68	-1.73	1025.48	16.3	32.08	-1.76	1025.81
3.7	27.90	-1.53	1022.41	9.8	31.72	-1.73	1025.51	16.4	32.08	-1.76	1025.81
3.8	27.94	-1.53	1022.44	10.0	31.76	-1.73	1025.55	16.5	32.10	-1.77	1025.82
3.9	28.04	-1.54	1022.52	10.1	31.77	-1.73	1025.55	16.6	32.08	-1.76	1025.81
4.2	28.12	-1.54	1022.59	10.2	31.82	-1.73	1025.59	16.8	32.09	-1.76	1025.81
4.3	28.20	-1.54	1022.65	10.4	31.83	-1.73	1025.60	16.9	32.09	-1.76	1025.81
4.4	28.15	-1.54	1022.61	10.6	31.86	-1.75	1025.63	17.0	32.09	-1.76	1025.81
4.6	28.23	-1.54	1022.68	10.7	31.86	-1.74	1025.63	17.1	32.10	-1.77	1025.82
4.7	28.27	-1.54	1022.71	10.9	31.89	-1.75	1025.65	17.3	32.08	-1.76	1025.81
4.9	28.32	-1.55	1022.75	11.1	31.89	-1.75	1025.65	17.4	32.11	-1.76	1025.83
5.1	28.35	-1.55	1022.77	11.2	31.91	-1.75	1025.67	17.5	32.09	-1.76	1025.81
5.2	28.38	-1.55	1022.80	11.3	31.93	-1.75	1025.68	17.6	32.10	-1.76	1025.82
5.3	28.45	-1.56	1022.86	11.6	31.95	-1.75	1025.70	17.7	32.12	-1.76	1025.84
5.4	28.51	-1.56	1022.90	11.7	31.96	-1.75	1025.71	18.0	32.13	-1.76	1025.85
5.5	28.56	-1.56	1022.94	11.8	31.97	-1.75	1025.72	18.1	32.13	-1.76	1025.85
5.7	28.65	-1.57	1023.02	12.0	31.96	-1.75	1025.71	18.2	32.13	-1.76	1025.85
5.8	28.65	-1.57	1023.02	12.1	31.98	-1.75	1025.72	18.4	32.14	-1.76	1025.85
5.9	28.81	-1.57	1023.15	12.2	31.97	-1.75	1025.72	18.5	32.14	-1.76	1025.85
6.0	28.86	-1.57	1023.19	12.3	31.98	-1.75	1025.72	18.6	32.13	-1.76	1025.85
6.2	28.98	-1.58	1023.29	12.4	32.00	-1.75	1025.74	18.7	32.14	-1.76	1025.85
6.3	29.10	-1.58	1023.38	12.7	32.01	-1.76	1025.75	18.8	32.14	-1.76	1025.85
6.5	29.25	-1.59	1023.50	12.9	32.00	-1.75	1025.74	19.0	32.15	-1.76	1025.86
6.6	29.39	-1.60	1023.62	13.1	32.02	-1.76	1025.76	19.1	32.15	-1.76	1025.86
6.8	29.62	-1.61	1023.81	13.3	32.02	-1.76	1025.76	19.2	32.14	-1.76	1025.85
6.9	29.87	-1.61	1024.01	13.4	32.02	-1.76	1025.76	19.4	32.15	-1.76	1025.86
7.0	30.07	-1.61	1024.17	13.6	32.04	-1.76	1025.77	19.5	32.15	-1.76	1025.86
7.2	30.15	-1.61	1024.24	13.7	32.03	-1.76	1025.77				

STATION: 86009 DATE: 10 May

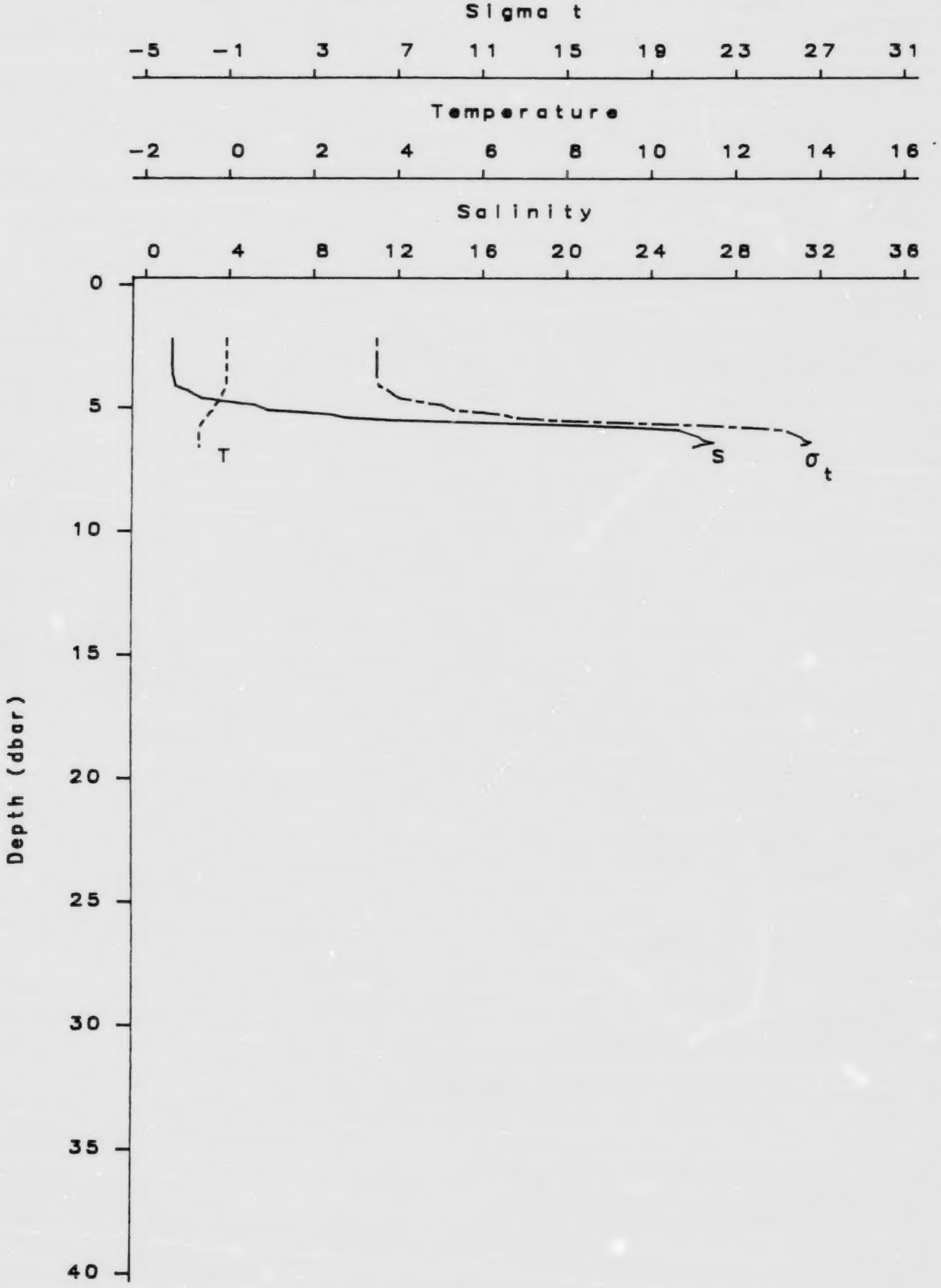

Table A1.5. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86009, May 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.2	1.32	-0.08	1000.92	3.8	1.40	-0.09	1000.98	5.3	8.97	-0.51	1007.10
2.3	1.32	-0.08	1000.92	3.9	1.43	-0.09	1001.01	5.4	9.44	-0.56	1007.48
2.6	1.32	-0.08	1000.92	4.1	1.48	-0.10	1001.05	5.5	11.58	-0.61	1009.21
2.7	1.32	-0.08	1000.92	4.2	1.71	-0.12	1001.23	5.7	20.17	-0.69	1016.15
2.8	1.32	-0.08	1000.92	4.3	2.05	-0.14	1001.51	5.8	23.04	-0.72	1018.47
3.0	1.33	-0.08	1000.93	4.4	2.23	-0.17	1001.65	5.9	25.31	-0.73	1020.30
3.1	1.33	-0.08	1000.93	4.6	2.66	-0.20	1002.00	6.2	26.28	-0.73	1021.09
3.2	1.33	-0.08	1000.93	4.7	3.47	-0.25	1002.66	6.3	26.43	-0.73	1021.21
3.3	1.34	-0.08	1000.93	4.8	4.33	-0.30	1003.35	6.4	26.92	-0.72	1021.60
3.4	1.35	-0.08	1000.94	4.9	5.24	-0.35	1004.09	6.5	26.26	-0.72	1021.07
3.6	1.36	-0.08	1000.95	5.1	5.81	-0.39	1004.55	6.6	25.95	-0.72	1020.82
3.7	1.37	-0.09	1000.96	5.2	7.66	-0.47	1006.05				

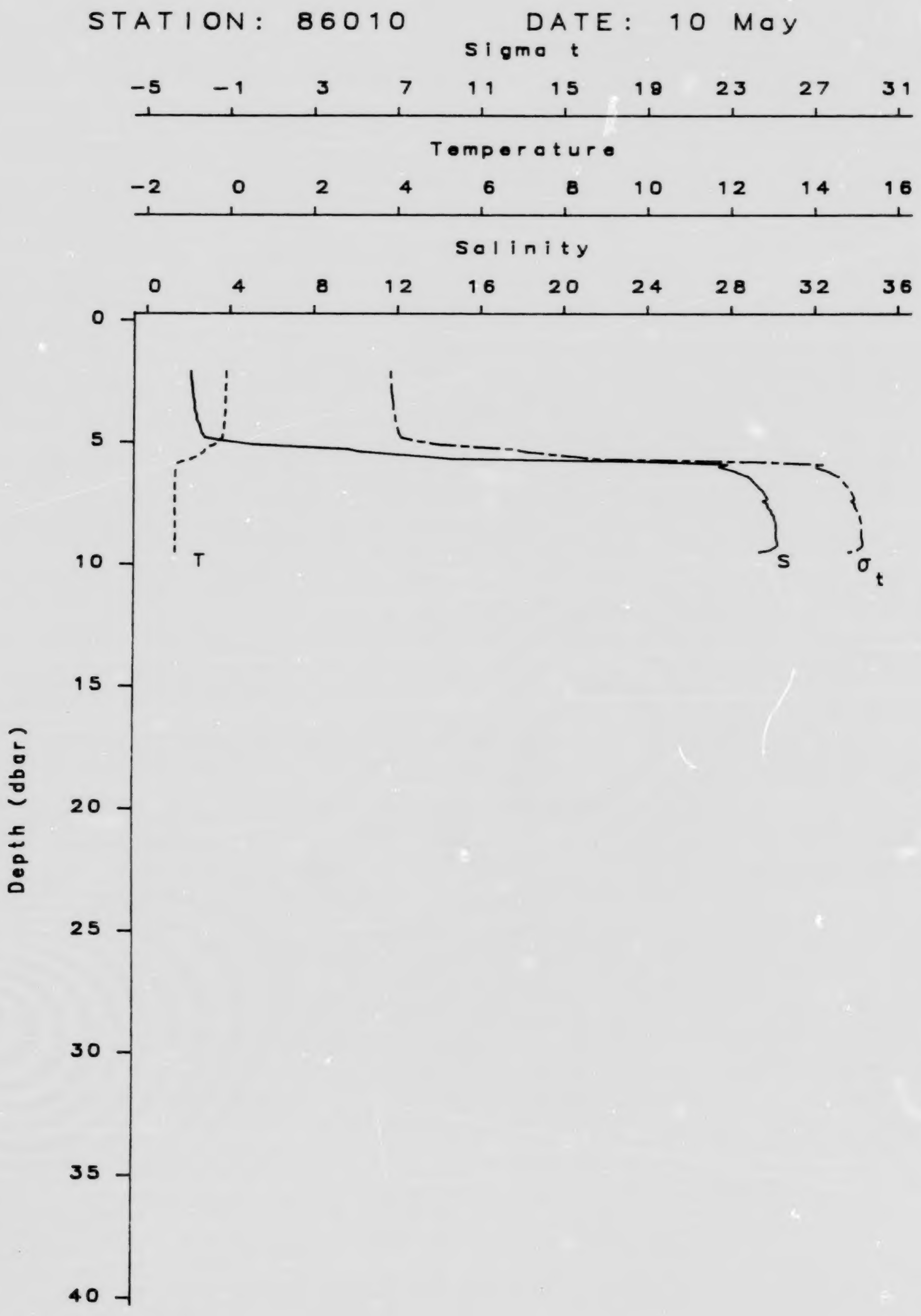
STATION: 86010 DATE: 10 May
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.6. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86010, May 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.1	2.15	-0.12	1001.59	4.6	2.66	-0.18	1002.00	7.3	29.73	-1.33	1023.89
2.3	2.18	-0.12	1001.62	4.7	2.74	-0.20	1002.07	7.4	29.51	-1.33	1023.71
2.5	2.19	-0.12	1001.62	4.8	2.82	-0.20	1002.13	7.5	29.71	-1.34	1023.87
2.6	2.21	-0.12	1001.64	4.9	3.35	-0.26	1002.56	7.6	29.70	-1.34	1023.87
2.7	2.22	-0.13	1001.65	5.1	5.06	-0.39	1003.94	7.8	29.89	-1.33	1024.02
2.8	2.24	-0.13	1001.66	5.2	7.25	-0.52	1005.71	7.9	29.92	-1.33	1024.04
3.0	2.26	-0.13	1001.68	5.3	9.69	-0.62	1007.68	8.0	30.03	-1.33	1024.13
3.1	2.28	-0.13	1001.70	5.4	10.21	-0.64	1008.10	8.1	30.04	-1.33	1024.14
3.2	2.29	-0.14	1001.70	5.5	11.69	-0.73	1009.30	8.3	30.13	-1.33	1024.21
3.3	2.32	-0.13	1001.73	5.7	14.53	-0.94	1011.59	8.4	30.11	-1.33	1024.20
3.4	2.34	-0.14	1001.75	5.8	24.31	-1.19	1019.50	8.5	30.14	-1.33	1024.22
3.6	2.35	-0.13	1001.75	5.9	27.82	-1.30	1022.34	8.7	30.10	-1.33	1024.19
3.7	2.36	-0.14	1001.76	6.0	27.41	-1.29	1022.01	8.9	30.13	-1.32	1024.21
3.8	2.41	-0.14	1001.80	6.2	28.21	-1.32	1022.66	9.0	30.16	-1.33	1024.24
3.9	2.44	-0.15	1001.83	6.4	28.79	-1.33	1023.13	9.1	30.20	-1.33	1024.27
4.1	2.45	-0.15	1001.83	6.5	28.94	-1.33	1023.25	9.2	30.18	-1.32	1024.26
4.2	2.52	-0.16	1001.89	6.8	29.28	-1.33	1023.53	9.4	29.89	-1.33	1024.02
4.3	2.58	-0.17	1001.94	7.0	29.52	-1.34	1023.72	9.5	29.32	-1.33	1023.56

STATION: 86011 DATE: 10 May

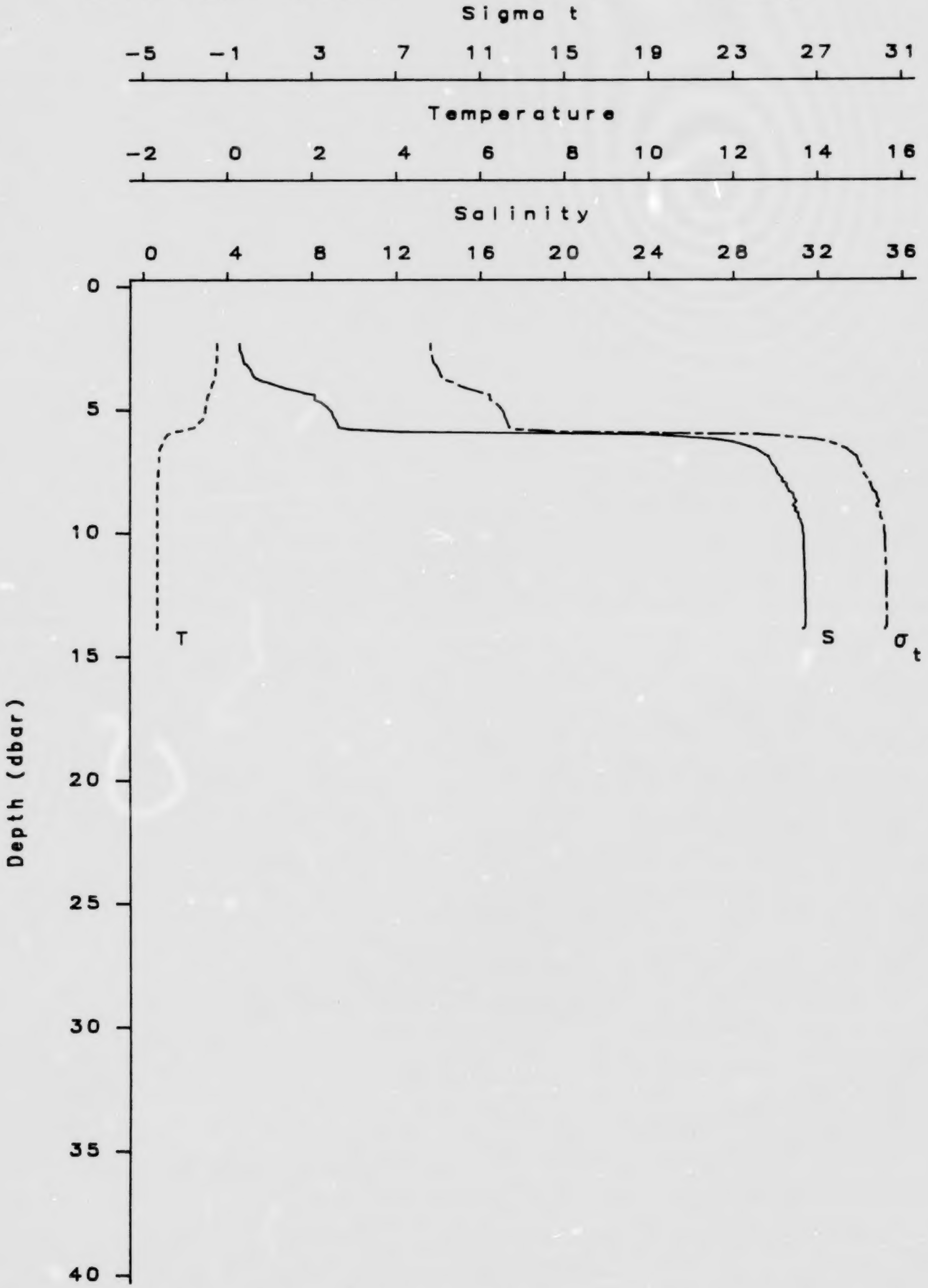

Table A1.7. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86011, May 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.3	4.58	-0.26	1003.56	6.3	27.91	-1.54	1022.42	10.2	31.29	-1.67	1025.16
2.5	4.60	-0.26	1003.58	6.4	28.31	-1.55	1022.74	10.4	31.29	-1.66	1025.16
2.6	4.61	-0.26	1003.58	6.5	28.71	-1.58	1023.07	10.5	31.28	-1.66	1025.15
2.7	4.67	-0.26	1003.63	6.6	29.05	-1.61	1023.34	10.6	31.30	-1.67	1025.17
2.8	4.71	-0.26	1003.66	6.8	29.40	-1.61	1023.63	10.9	31.32	-1.67	1025.19
3.0	4.76	-0.26	1003.71	6.9	29.61	-1.62	1023.80	11.0	31.32	-1.66	1025.19
3.1	4.80	-0.27	1003.74	7.2	29.79	-1.63	1023.94	11.1	31.33	-1.66	1025.19
3.2	4.95	-0.28	1003.86	7.4	29.98	-1.64	1024.10	11.2	31.32	-1.67	1025.19
3.4	5.11	-0.30	1003.99	7.5	30.00	-1.64	1024.11	11.5	31.33	-1.67	1025.20
3.6	5.22	-0.31	1004.08	7.6	30.06	-1.65	1024.16	11.6	31.36	-1.66	1025.22
3.7	5.31	-0.32	1004.15	7.8	30.27	-1.65	1024.33	11.7	31.37	-1.67	1025.23
3.8	5.53	-0.33	1004.33	7.9	30.24	-1.66	1024.31	11.8	31.36	-1.67	1025.22
3.9	5.96	-0.36	1004.67	8.0	30.46	-1.66	1024.49	12.0	31.37	-1.67	1025.23
4.1	6.59	-0.40	1005.18	8.1	30.48	-1.67	1024.50	12.2	31.36	-1.66	1025.22
4.3	7.57	-0.43	1005.97	8.3	30.59	-1.67	1024.59	12.3	31.36	-1.67	1025.22
4.4	8.12	-0.47	1006.42	8.4	30.77	-1.68	1024.74	12.4	31.36	-1.67	1025.22
4.6	8.12	-0.50	1006.42	8.6	30.83	-1.67	1024.79	12.6	31.36	-1.66	1025.22
4.7	8.43	-0.51	1006.67	8.7	30.94	-1.67	1024.88	12.7	31.38	-1.67	1025.24
4.8	8.58	-0.52	1006.79	8.9	30.77	-1.67	1024.74	12.8	31.35	-1.66	1025.21
4.9	8.72	-0.53	1006.90	9.0	30.91	-1.67	1024.85	12.9	31.38	-1.66	1025.24
5.1	8.94	-0.55	1007.08	9.1	30.85	-1.67	1024.81	13.1	31.38	-1.66	1025.24
5.3	9.02	-0.57	1007.14	9.2	31.02	-1.67	1024.94	13.2	31.38	-1.66	1025.24
5.4	9.10	-0.61	1007.20	9.4	31.04	-1.67	1024.96	13.4	31.38	-1.67	1025.24
5.5	9.16	-0.68	1007.25	9.5	31.14	-1.67	1025.04	13.6	31.37	-1.65	1025.23
5.7	9.26	-0.76	1007.33	9.6	31.17	-1.67	1025.07	13.7	31.39	-1.66	1025.24
5.8	9.74	-0.96	1007.71	9.7	31.23	-1.67	1025.11	13.8	31.34	-1.66	1025.20
5.9	12.18	-1.25	1009.67	9.8	31.25	-1.67	1025.13	13.9	31.25	-1.67	1025.13
6.0	23.85	-1.43	1019.12	10.0	31.25	-1.66	1025.13				
6.2	27.12	-1.51	1021.78	10.1	31.29	-1.67	1025.16				

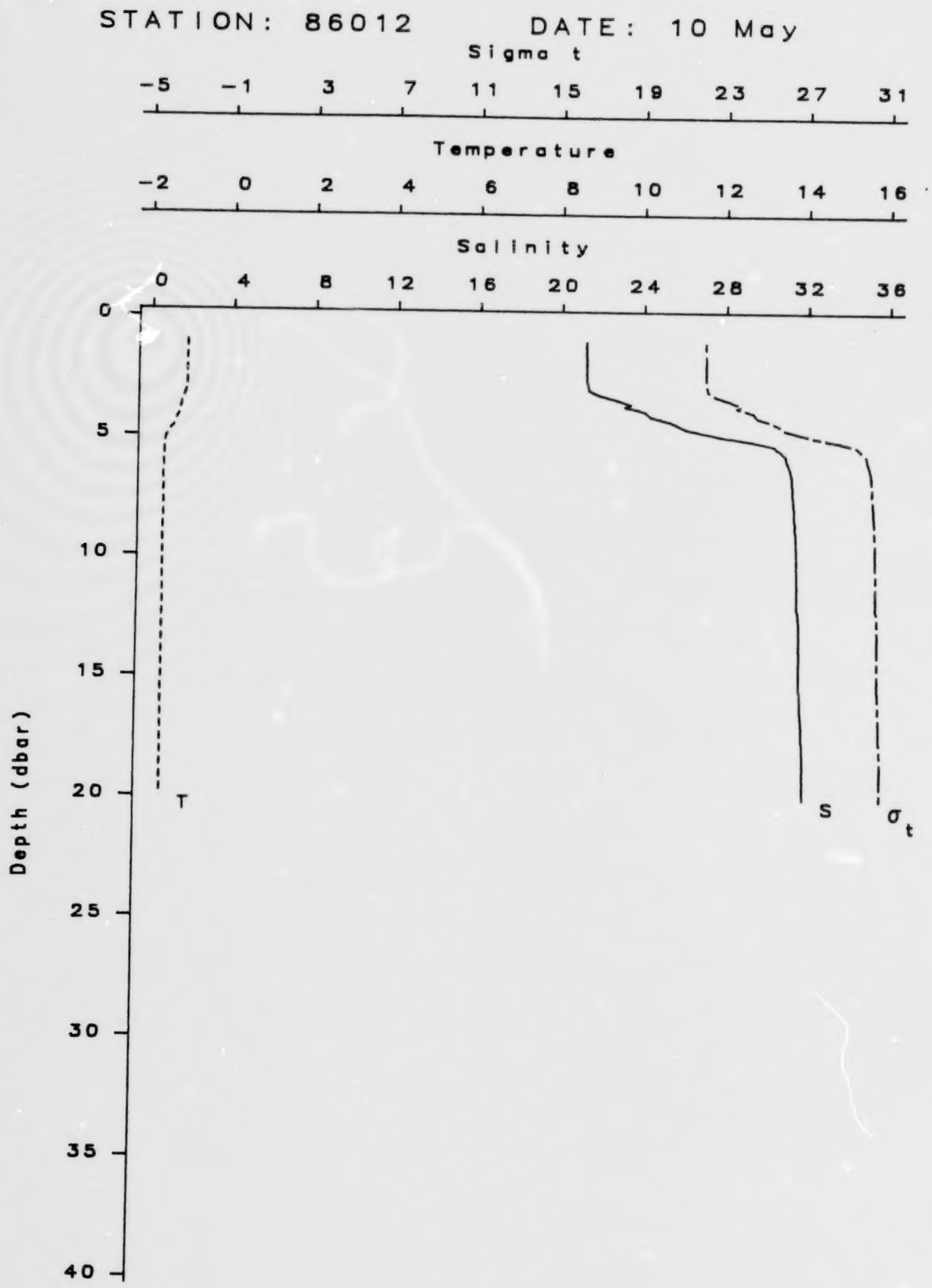
STATION: 86012 DATE: 10 May
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.8. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86012, May 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.0	21.19	-1.15	1016.97	7.5	31.30	-1.70	1025.17	13.9	31.68	-1.71	1025.48
1.1	21.19	-1.14	1016.97	7.6	31.32	-1.70	1025.19	14.1	31.68	-1.71	1025.48
1.2	21.20	-1.14	1016.98	7.8	31.32	-1.70	1025.19	14.2	31.69	-1.72	1025.49
1.5	21.21	-1.15	1016.99	7.9	31.36	-1.70	1025.22	14.3	31.67	-1.71	1025.47
1.7	21.22	-1.15	1017.00	8.0	31.37	-1.71	1025.23	14.4	31.68	-1.71	1025.48
1.9	21.22	-1.15	1017.00	8.1	31.35	-1.70	1025.21	14.5	31.68	-1.71	1025.48
2.0	21.21	-1.15	1016.99	8.3	31.38	-1.70	1025.24	14.7	31.68	-1.71	1025.48
2.1	21.23	-1.15	1017.00	8.4	31.38	-1.70	1025.24	14.8	31.68	-1.71	1025.48
2.3	21.23	-1.15	1017.00	8.5	31.41	-1.71	1025.26	14.9	31.68	-1.71	1025.48
2.5	21.22	-1.15	1017.00	8.6	31.42	-1.71	1025.27	15.0	31.68	-1.71	1025.48
2.6	21.23	-1.15	1017.00	8.7	31.37	-1.71	1025.23	15.2	31.69	-1.72	1025.49
2.7	21.24	-1.15	1017.01	8.9	31.43	-1.71	1025.28	15.3	31.69	-1.72	1025.49
3.0	21.32	-1.16	1017.08	9.0	31.45	-1.71	1025.29	15.4	31.69	-1.71	1025.49
3.1	21.51	-1.18	1017.23	9.2	31.47	-1.72	1025.31	15.5	31.70	-1.71	1025.50
3.2	21.76	-1.19	1017.43	9.5	31.48	-1.71	1025.32	15.6	31.73	-1.71	1025.52
3.3	22.18	-1.21	1017.77	9.6	31.49	-1.71	1025.33	15.8	31.73	-1.72	1025.52
3.4	22.63	-1.24	1018.14	9.7	31.50	-1.71	1025.33	15.9	31.75	-1.71	1025.54
3.6	23.34	-1.28	1018.71	9.8	31.50	-1.71	1025.33	16.0	31.75	-1.71	1025.54
3.7	23.07	-1.27	1018.49	10.0	31.51	-1.72	1025.34	16.2	31.76	-1.71	1025.55
3.8	23.65	-1.30	1018.96	10.1	31.50	-1.72	1025.33	16.3	31.75	-1.71	1025.54
3.9	24.05	-1.33	1019.29	10.2	31.51	-1.71	1025.34	16.4	31.77	-1.71	1025.55
4.1	24.30	-1.34	1019.49	10.4	31.51	-1.71	1025.34	16.6	31.79	-1.71	1025.57
4.2	24.78	-1.37	1019.88	10.5	31.52	-1.71	1025.35	16.8	31.82	-1.71	1025.59
4.3	25.24	-1.41	1020.25	10.6	31.53	-1.72	1025.36	16.9	31.82	-1.71	1025.59
4.4	25.52	-1.43	1020.48	10.9	31.53	-1.71	1025.36	17.0	31.83	-1.71	1025.60
4.6	25.99	-1.47	1020.86	11.0	31.51	-1.71	1025.34	17.1	31.82	-1.71	1025.59
4.7	26.56	-1.53	1021.32	11.1	31.53	-1.71	1025.36	17.3	31.83	-1.71	1025.60
4.9	27.64	-1.60	1022.20	11.2	31.53	-1.71	1025.36	17.5	31.84	-1.71	1025.61
5.1	29.27	-1.66	1023.52	11.3	31.53	-1.71	1025.36	17.6	31.84	-1.70	1025.61
5.3	30.35	-1.68	1024.40	11.6	31.53	-1.71	1025.36	17.7	31.88	-1.70	1025.64
5.4	30.46	-1.68	1024.49	11.8	31.53	-1.71	1025.36	17.9	31.88	-1.70	1025.64
5.5	30.67	-1.69	1024.66	12.0	31.54	-1.71	1025.37	18.1	31.88	-1.70	1025.64
5.7	30.90	-1.69	1024.85	12.1	31.54	-1.72	1025.37	18.2	31.90	-1.70	1025.66
5.9	30.96	-1.69	1024.89	12.2	31.60	-1.71	1025.42	18.4	31.91	-1.70	1025.67
6.0	31.02	-1.70	1024.94	12.4	31.62	-1.71	1025.43	18.5	31.91	-1.70	1025.67
6.3	31.14	-1.69	1025.04	12.6	31.64	-1.72	1025.45	18.6	31.91	-1.70	1025.67
6.4	31.19	-1.70	1025.08	12.7	31.65	-1.71	1025.46	18.7	31.92	-1.71	1025.68
6.5	31.19	-1.70	1025.08	12.8	31.66	-1.71	1025.46	18.8	31.90	-1.70	1025.66
6.6	31.23	-1.71	1025.11	12.9	31.66	-1.71	1025.46	19.0	31.91	-1.70	1025.67
6.8	31.24	-1.70	1025.12	13.2	31.66	-1.71	1025.46	19.1	31.91	-1.70	1025.67
6.9	31.24	-1.70	1025.12	13.3	31.67	-1.71	1025.47	19.2	31.92	-1.70	1025.67
7.0	31.27	-1.70	1025.15	13.4	31.66	-1.71	1025.46	19.5	31.92	-1.70	1025.67
7.2	31.27	-1.70	1025.15	13.6	31.67	-1.72	1025.47	19.6	31.92	-1.69	1025.67
7.3	31.25	-1.71	1025.13	13.7	31.67	-1.71	1025.47	19.9	31.93	-1.70	1025.68
7.4	31.30	-1.70	1025.17	13.8	31.67	-1.71	1025.47	20.0	31.93	-1.70	1025.68

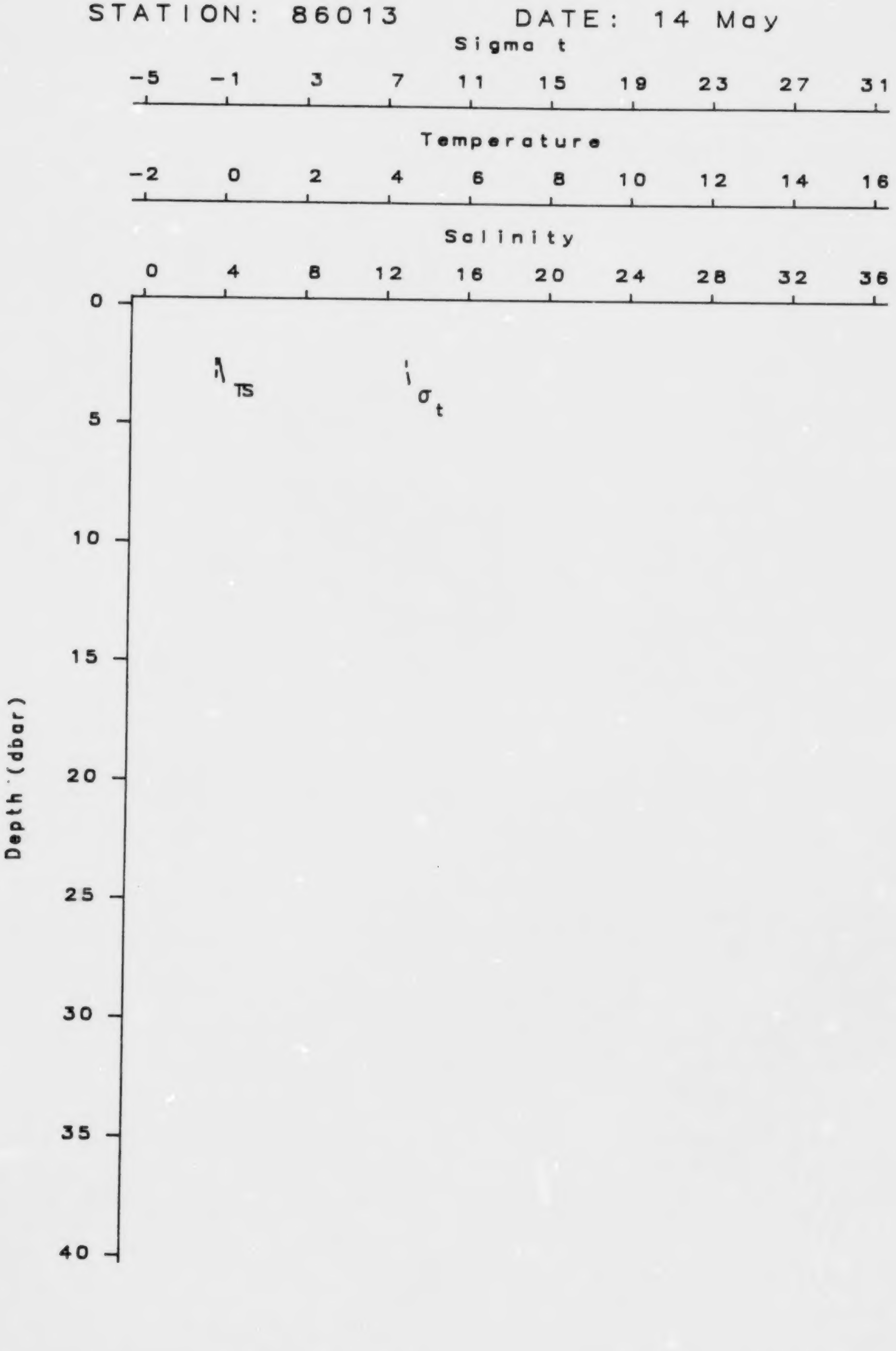
STATION: 86013 DATE: 14 May
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.9. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86013, May 14, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.3	3.77	-0.21	1002.90	2.7	3.85	-0.21	1002.97	3.1	3.96	-0.22	1003.06
2.5	3.78	-0.21	1002.91	2.8	3.86	-0.21	1002.98	3.2	3.99	-0.22	1003.08
2.6	3.82	-0.21	1002.94	3.0	3.93	-0.21	1003.03	3.3	3.98	-0.22	1003.07

STATION: 86014 DATE: 14 May

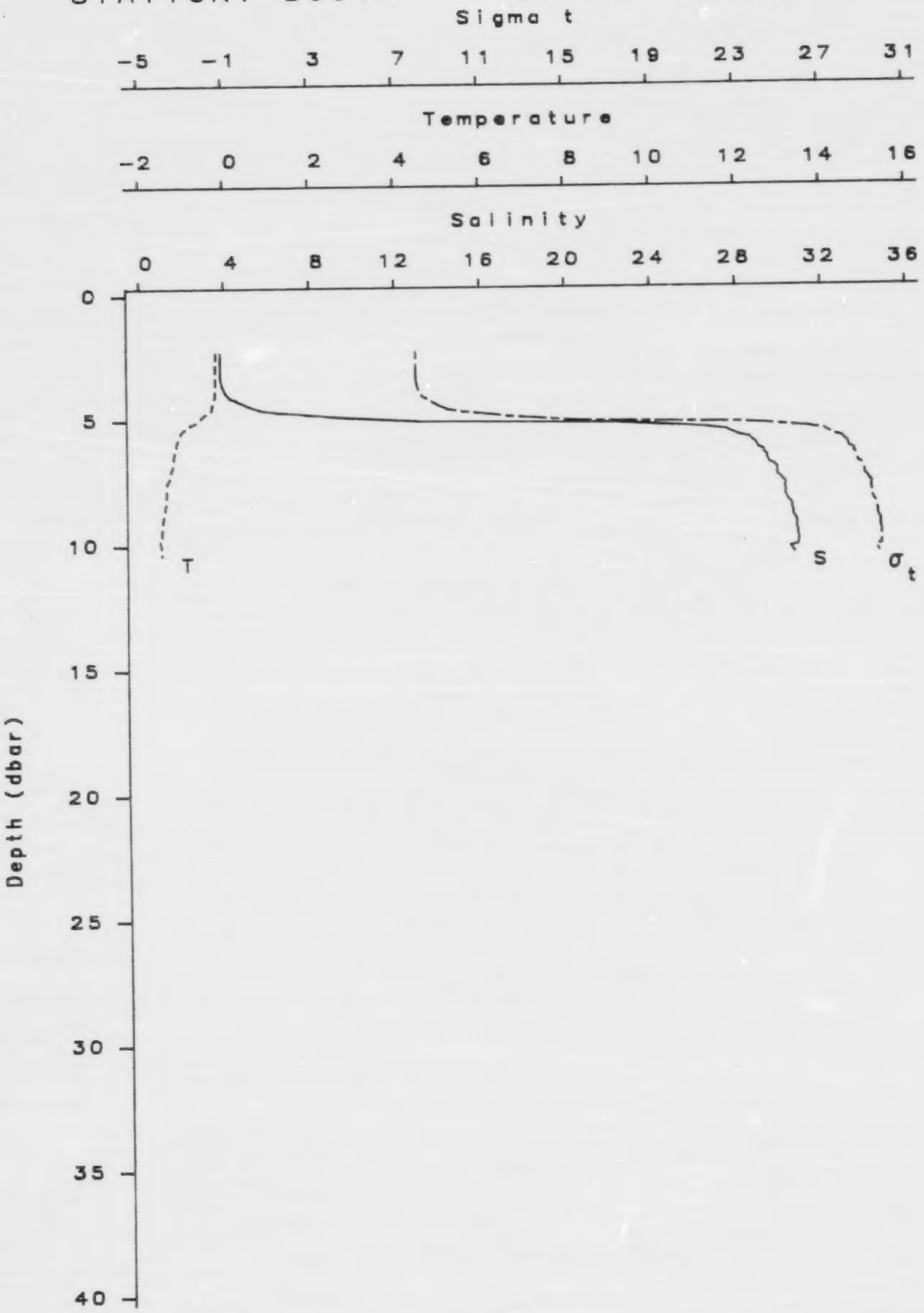

Table A1.10. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86014, May 14, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.3	3.83	-0.21	1002.95	5.2	22.80	-0.82	1018.28	7.9	30.31	-1.38	1024.36
2.5	3.83	-0.22	1002.95	5.3	24.94	-0.89	1020.01	8.0	30.26	-1.38	1024.32
2.6	3.81	-0.21	1002.94	5.4	26.64	-0.98	1021.38	8.1	30.29	-1.39	1024.35
2.7	3.83	-0.22	1002.95	5.5	27.58	-1.04	1022.14	8.3	30.41	-1.39	1024.44
3.0	3.83	-0.22	1002.95	5.7	28.06	-1.09	1022.53	8.4	30.52	-1.40	1024.53
3.1	3.83	-0.21	1002.95	5.8	28.61	-1.11	1022.98	8.5	30.59	-1.42	1024.59
3.2	3.84	-0.22	1002.96	5.9	28.73	-1.13	1023.08	8.6	30.56	-1.43	1024.57
3.3	3.84	-0.22	1002.96	6.0	28.90	-1.15	1023.21	8.7	30.64	-1.45	1024.63
3.4	3.86	-0.22	1002.98	6.2	29.02	-1.16	1023.31	8.9	30.63	-1.46	1024.62
3.6	3.92	-0.22	1003.03	6.3	29.27	-1.19	1023.52	9.0	30.71	-1.47	1024.69
3.7	3.97	-0.22	1003.07	6.4	29.26	-1.20	1023.51	9.1	30.80	-1.48	1024.76
3.8	4.01	-0.22	1003.10	6.5	29.41	-1.21	1023.63	9.2	30.79	-1.48	1024.75
3.9	4.07	-0.23	1003.15	6.6	29.40	-1.22	1023.62	9.4	30.77	-1.49	1024.74
4.1	4.26	-0.24	1003.30	6.8	29.54	-1.23	1023.73	9.5	30.85	-1.50	1024.80
4.2	4.55	-0.26	1003.53	6.9	29.76	-1.24	1023.91	9.7	30.85	-1.51	1024.80
4.4	5.03	-0.29	1003.92	7.0	29.89	-1.27	1024.02	9.8	30.90	-1.55	1024.84
4.6	5.62	-0.31	1004.40	7.3	29.90	-1.30	1024.03	10.0	30.85	-1.50	1024.80
4.7	6.44	-0.39	1005.06	7.4	30.06	-1.33	1024.16	10.1	30.85	-1.50	1024.80
4.8	7.81	-0.49	1006.17	7.5	30.16	-1.36	1024.24	10.2	30.50	-1.49	1024.52
4.9	9.06	-0.55	1007.17	7.6	30.29	-1.38	1024.35	10.4	30.67	-1.49	1024.66
5.1	13.17	-0.68	1010.49	7.8	30.24	-1.38	1024.30				

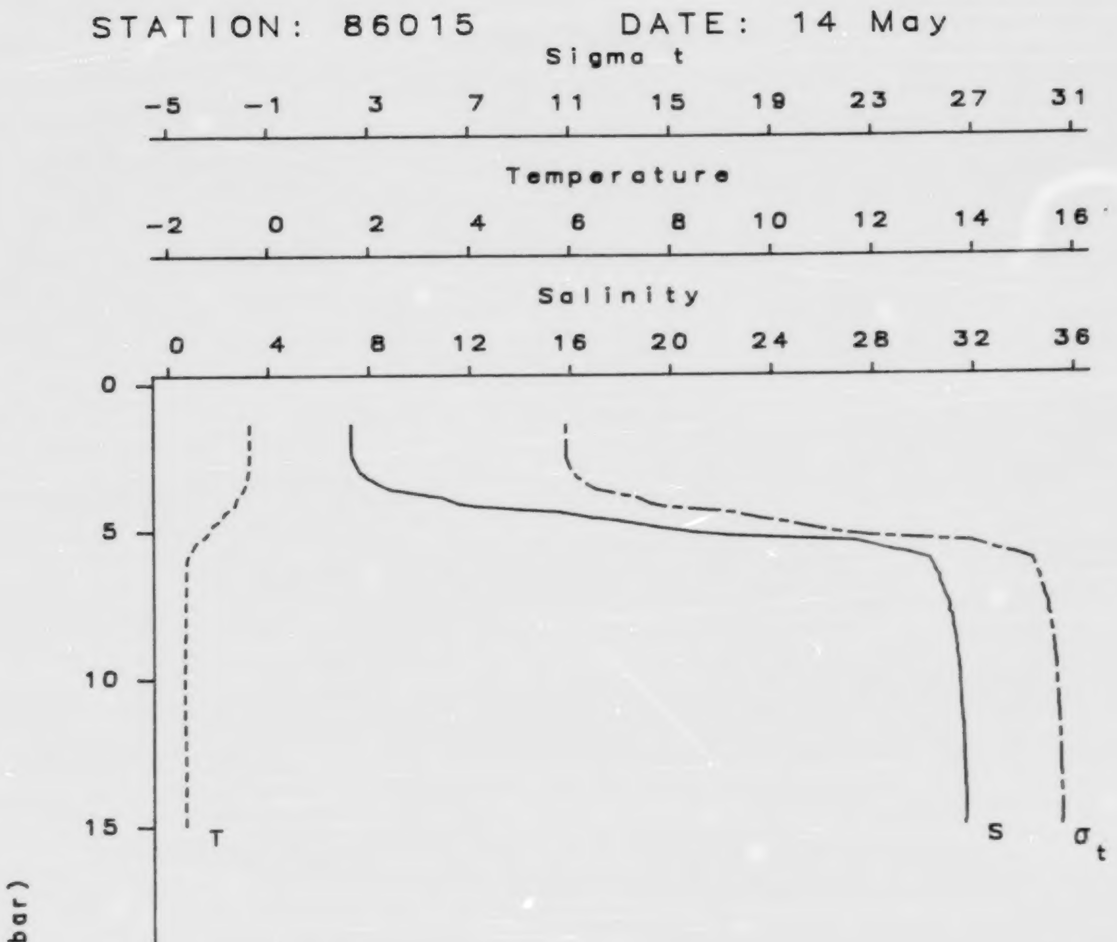
STATION: 86015 DATE: 14 May
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
Depth (dbar)
0 5 10 15 20 25 30 35 40
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Table A1.11. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86015, May 14, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	7.28	-0.40	1005.74	5.7	28.66	-1.56	1023.03	10.5	31.43	-1.70	1025.28
1.5	7.28	-0.40	1005.74	5.8	29.35	-1.60	1023.59	10.7	31.44	-1.70	1025.28
1.6	7.28	-0.40	1005.74	5.9	29.78	-1.63	1023.94	10.9	31.44	-1.69	1025.28
1.7	7.29	-0.40	1005.75	6.0	30.21	-1.65	1024.29	11.0	31.45	-1.70	1025.29
1.9	7.29	-0.40	1005.75	6.3	30.39	-1.67	1024.43	11.2	31.48	-1.70	1025.32
2.0	7.30	-0.40	1005.76	6.4	30.44	-1.66	1024.47	11.3	31.48	-1.69	1025.32
2.1	7.30	-0.40	1005.76	6.5	30.50	-1.67	1024.52	11.5	31.49	-1.69	1025.33
2.2	7.30	-0.40	1005.76	6.6	30.60	-1.67	1024.60	11.6	31.52	-1.69	1025.35
2.3	7.30	-0.40	1005.76	6.8	30.59	-1.67	1024.59	11.7	31.50	-1.69	1025.33
2.5	7.32	-0.40	1005.77	7.0	30.73	-1.67	1024.71	11.8	31.52	-1.68	1025.35
2.6	7.38	-0.40	1005.82	7.2	30.80	-1.67	1024.76	12.0	31.53	-1.68	1025.36
2.7	7.45	-0.41	1005.88	7.3	30.86	-1.67	1024.81	12.1	31.54	-1.68	1025.37
2.8	7.50	-0.41	1005.92	7.4	30.92	-1.68	1024.86	12.3	31.54	-1.68	1025.37
3.0	7.62	-0.42	1006.02	7.5	30.99	-1.68	1024.92	12.4	31.53	-1.68	1025.36
3.1	7.78	-0.43	1006.14	7.6	30.99	-1.68	1024.92	12.6	31.55	-1.68	1025.37
3.2	7.90	-0.44	1006.24	7.8	30.94	-1.68	1024.88	12.7	31.55	-1.68	1025.37
3.3	8.12	-0.45	1006.42	7.9	31.08	-1.68	1024.99	12.8	31.55	-1.68	1025.37
3.4	8.29	-0.47	1006.56	8.1	31.12	-1.68	1025.02	12.9	31.56	-1.67	1025.38
3.6	8.78	-0.51	1006.95	8.3	31.13	-1.68	1025.03	13.1	31.56	-1.67	1025.38
3.7	9.51	-0.56	1007.54	8.4	31.16	-1.68	1025.06	13.2	31.56	-1.67	1025.38
3.8	10.18	-0.60	1008.08	8.5	31.20	-1.68	1025.09	13.3	31.58	-1.68	1025.40
3.9	10.93	-0.65	1008.68	8.6	31.21	-1.68	1025.10	13.4	31.57	-1.67	1025.39
4.1	11.48	-0.68	1009.13	8.7	31.24	-1.69	1025.12	13.7	31.57	-1.67	1025.39
4.2	12.20	-0.74	1009.71	8.9	31.26	-1.69	1025.14	13.8	31.60	-1.67	1025.41
4.3	13.92	-0.82	1011.10	9.0	31.29	-1.69	1025.16	13.9	31.61	-1.68	1025.42
4.4	15.59	-0.90	1012.45	9.1	31.25	-1.69	1025.13	14.2	31.61	-1.68	1025.42
4.6	16.83	-0.97	1013.45	9.4	31.33	-1.69	1025.20	14.3	31.60	-1.67	1025.41
4.7	17.93	-1.05	1014.34	9.5	31.36	-1.69	1025.22	14.4	31.60	-1.67	1025.41
4.8	18.66	-1.13	1014.92	9.6	31.35	-1.70	1025.21	14.5	31.61	-1.67	1025.42
4.9	19.35	-1.17	1015.48	9.7	31.37	-1.69	1025.23	14.8	31.57	-1.67	1025.39
5.1	20.96	-1.24	1016.78	9.8	31.39	-1.70	1025.24	14.9	31.54	-1.67	1025.37
5.2	22.18	-1.29	1017.77	10.0	31.37	-1.70	1025.23	15.0	31.53	-1.68	1025.36
5.3	24.64	-1.38	1019.76	10.1	31.38	-1.70	1025.24				
5.4	27.26	-1.47	1021.89	10.2	31.39	-1.70	1025.24				

STATION: 86016 DATE: 14 May

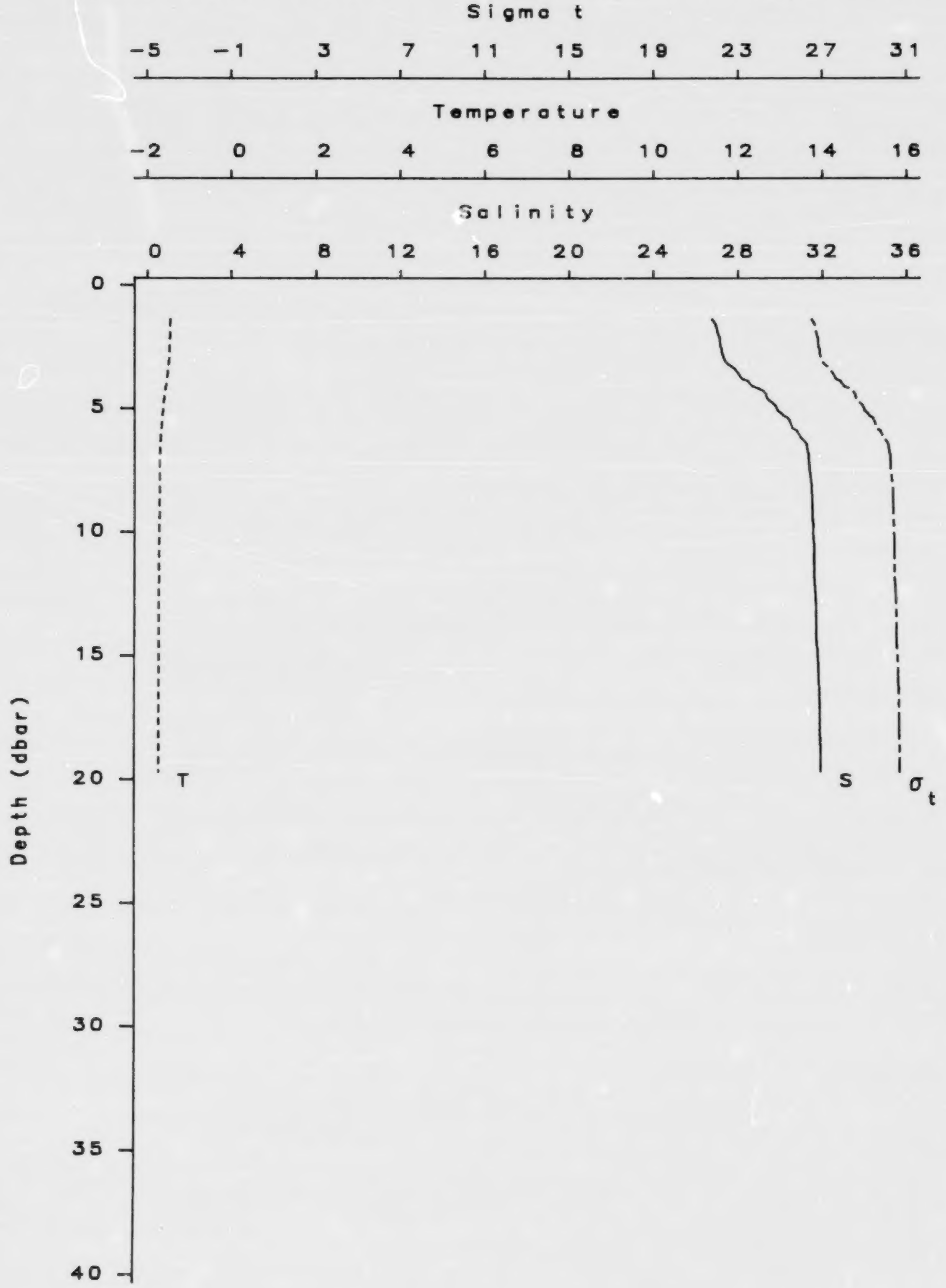

Table A1.12. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86016, May 14, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	26.77	-1.46	1021.49	7.4	31.39	-1.71	1025.24	13.4	31.71	-1.73	1025.50
1.5	26.86	-1.47	1021.56	7.5	31.39	-1.71	1025.24	13.6	31.70	-1.73	1025.50
1.6	26.94	-1.47	1021.63	7.6	31.41	-1.71	1025.26	13.7	31.70	-1.73	1025.50
1.7	26.96	-1.47	1021.65	7.9	31.46	-1.71	1025.30	13.8	31.70	-1.73	1025.50
1.9	27.02	-1.47	1021.69	8.0	31.46	-1.71	1025.30	13.9	31.71	-1.73	1025.50
2.0	27.05	-1.47	1021.72	8.1	31.50	-1.71	1025.33	14.1	31.71	-1.73	1025.50
2.1	27.10	-1.47	1021.76	8.4	31.51	-1.71	1025.34	14.3	31.70	-1.73	1025.50
2.2	27.14	-1.48	1021.79	8.5	31.52	-1.72	1025.35	14.4	31.72	-1.73	1025.51
2.5	27.17	-1.48	1021.82	8.7	31.52	-1.71	1025.35	14.5	31.72	-1.73	1025.51
2.6	27.22	-1.48	1021.86	8.9	31.53	-1.72	1025.36	14.7	31.75	-1.73	1025.54
2.8	27.25	-1.48	1021.88	9.0	31.53	-1.71	1025.36	14.8	31.77	-1.73	1025.55
3.0	27.34	-1.49	1021.95	9.1	31.54	-1.72	1025.37	14.9	31.76	-1.73	1025.55
3.1	27.39	-1.50	1021.99	9.2	31.52	-1.71	1025.35	15.0	31.78	-1.73	1025.56
3.2	27.50	-1.50	1022.08	9.4	31.52	-1.71	1025.35	15.3	31.80	-1.72	1025.58
3.3	27.65	-1.51	1022.21	9.5	31.55	-1.72	1025.37	15.5	31.81	-1.73	1025.59
3.4	27.82	-1.52	1022.34	9.6	31.55	-1.72	1025.37	15.6	31.82	-1.73	1025.59
3.6	28.01	-1.53	1022.50	9.7	31.57	-1.72	1025.39	15.9	31.82	-1.73	1025.59
3.8	28.18	-1.55	1022.64	10.0	31.57	-1.72	1025.39	16.0	31.81	-1.73	1025.59
3.9	28.46	-1.55	1022.86	10.1	31.57	-1.72	1025.39	16.2	31.83	-1.73	1025.60
4.1	28.64	-1.56	1023.01	10.2	31.59	-1.72	1025.41	16.3	31.85	-1.73	1025.62
4.2	28.94	-1.58	1023.25	10.4	31.59	-1.72	1025.41	16.4	31.84	-1.73	1025.61
4.3	29.17	-1.59	1023.44	10.5	31.61	-1.73	1025.42	16.6	31.86	-1.73	1025.63
4.4	29.30	-1.60	1023.55	10.6	31.61	-1.72	1025.42	16.8	31.86	-1.73	1025.63
4.6	29.37	-1.60	1023.60	10.7	31.61	-1.72	1025.42	16.9	31.87	-1.73	1025.63
4.7	29.48	-1.61	1023.69	10.9	31.61	-1.73	1025.42	17.1	31.87	-1.73	1025.63
4.8	29.64	-1.62	1023.82	11.0	31.59	-1.72	1025.41	17.3	31.87	-1.73	1025.63
4.9	29.76	-1.62	1023.92	11.1	31.60	-1.72	1025.42	17.5	31.86	-1.73	1025.63
5.1	29.88	-1.63	1024.02	11.2	31.61	-1.73	1025.42	17.6	31.88	-1.73	1025.64
5.2	30.04	-1.64	1024.15	11.3	31.60	-1.73	1025.42	17.7	31.86	-1.73	1025.63
5.3	30.14	-1.65	1024.23	11.5	31.61	-1.73	1025.42	17.9	31.88	-1.73	1025.64
5.4	30.35	-1.66	1024.40	11.6	31.61	-1.73	1025.42	18.0	31.88	-1.73	1025.64
5.5	30.44	-1.66	1024.47	11.7	31.62	-1.72	1025.43	18.2	31.88	-1.73	1025.64
5.8	30.57	-1.67	1024.58	11.8	31.62	-1.72	1025.43	18.4	31.89	-1.73	1025.65
5.9	30.77	-1.68	1024.74	12.1	31.64	-1.73	1025.45	18.6	31.89	-1.73	1025.65
6.2	30.98	-1.69	1024.91	12.3	31.66	-1.73	1025.46	18.7	31.91	-1.73	1025.67
6.3	31.11	-1.69	1025.02	12.4	31.67	-1.73	1025.47	18.8	31.89	-1.73	1025.65
6.4	31.21	-1.70	1025.10	12.6	31.69	-1.73	1025.49	19.0	31.90	-1.73	1025.66
6.5	31.27	-1.70	1025.15	12.7	31.69	-1.73	1025.49	19.2	31.90	-1.73	1025.66
6.6	31.28	-1.70	1025.15	12.8	31.69	-1.73	1025.49	19.4	31.90	-1.73	1025.66
6.8	31.32	-1.70	1025.19	12.9	31.70	-1.73	1025.50	19.5	31.89	-1.73	1025.65
6.9	31.36	-1.71	1025.22	13.2	31.70	-1.73	1025.50	19.6	31.90	-1.73	1025.66
7.2	31.38	-1.71	1025.24	13.3	31.69	-1.73	1025.49	19.7	31.90	-1.73	1025.66

STATION: 86017 DATE: 15 May

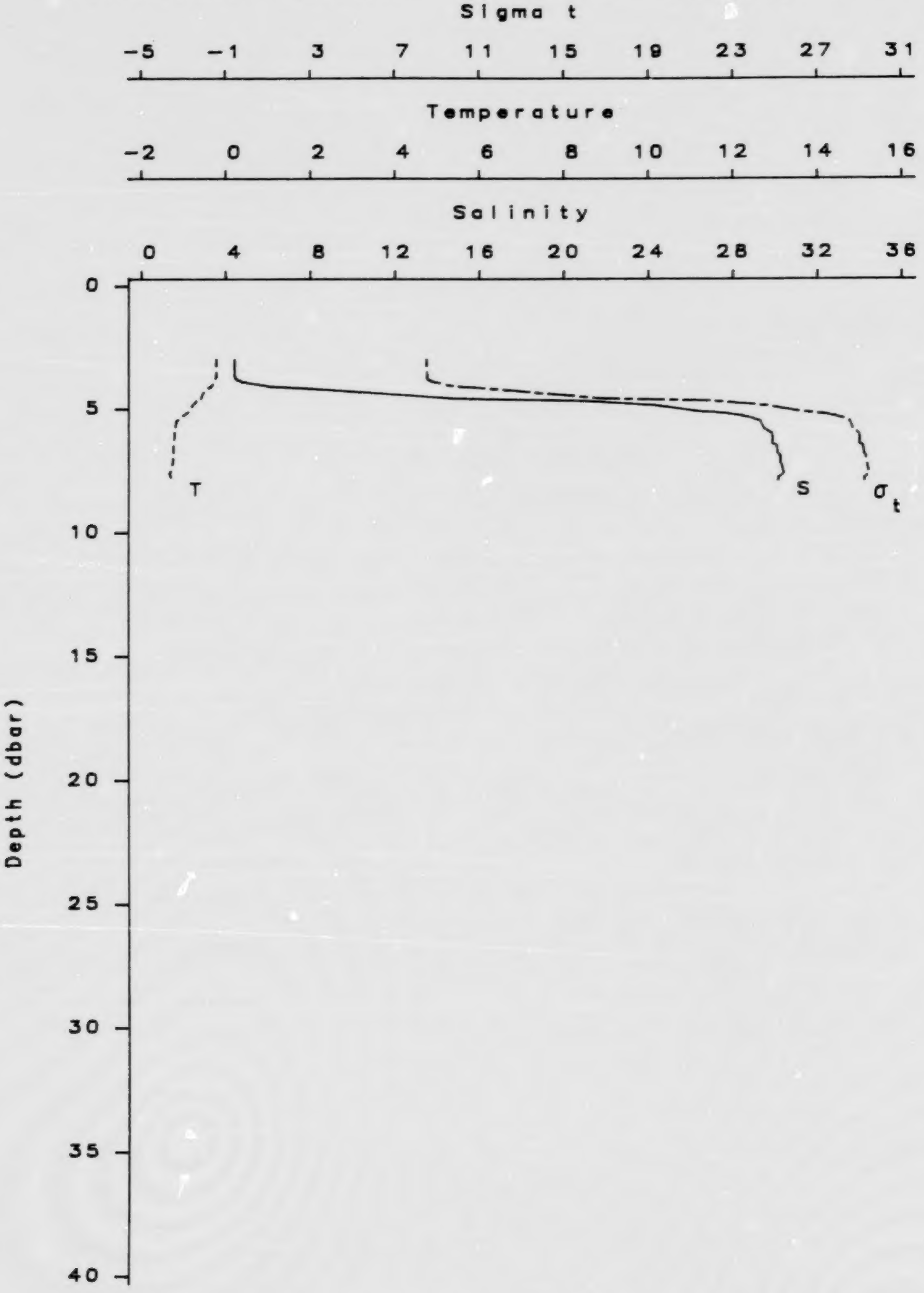

Table A1.13. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86017, May 15, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
3.0	4.43	-0.24	1003.44	4.6	14.75	-0.61	1011.77	6.3	29.80	-1.24	1023.95
3.1	4.44	-0.24	1003.45	4.7	21.13	-0.72	1016.93	6.4	29.81	-1.25	1023.95
3.2	4.44	-0.24	1003.45	4.9	24.49	-0.81	1019.64	6.5	30.01	-1.25	1024.12
3.3	4.44	-0.24	1003.45	5.1	26.19	-0.89	1021.02	6.8	30.08	-1.25	1024.17
3.4	4.44	-0.24	1003.45	5.2	27.66	-0.95	1022.21	6.9	30.18	-1.26	1024.25
3.6	4.44	-0.24	1003.45	5.3	28.40	-1.03	1022.81	7.0	30.21	-1.26	1024.28
3.7	4.45	-0.24	1003.45	5.4	28.89	-1.09	1023.21	7.2	30.21	-1.27	1024.28
3.8	4.51	-0.26	1003.50	5.5	29.25	-1.18	1023.50	7.3	30.27	-1.28	1024.33
3.9	4.74	-0.28	1003.69	5.8	29.43	-1.21	1023.65	7.5	30.33	-1.30	1024.38
4.1	6.07	-0.36	1004.76	5.9	29.60	-1.22	1023.78	7.6	30.35	-1.34	1024.39
4.2	8.08	-0.46	1006.39	6.0	29.78	-1.23	1023.93	7.8	30.08	-1.29	1024.17
4.3	9.85	-0.53	1007.82	6.2	29.85	-1.23	1023.99	7.9	30.08	-1.31	1024.17

STATION: 86018 DATE: 15 May

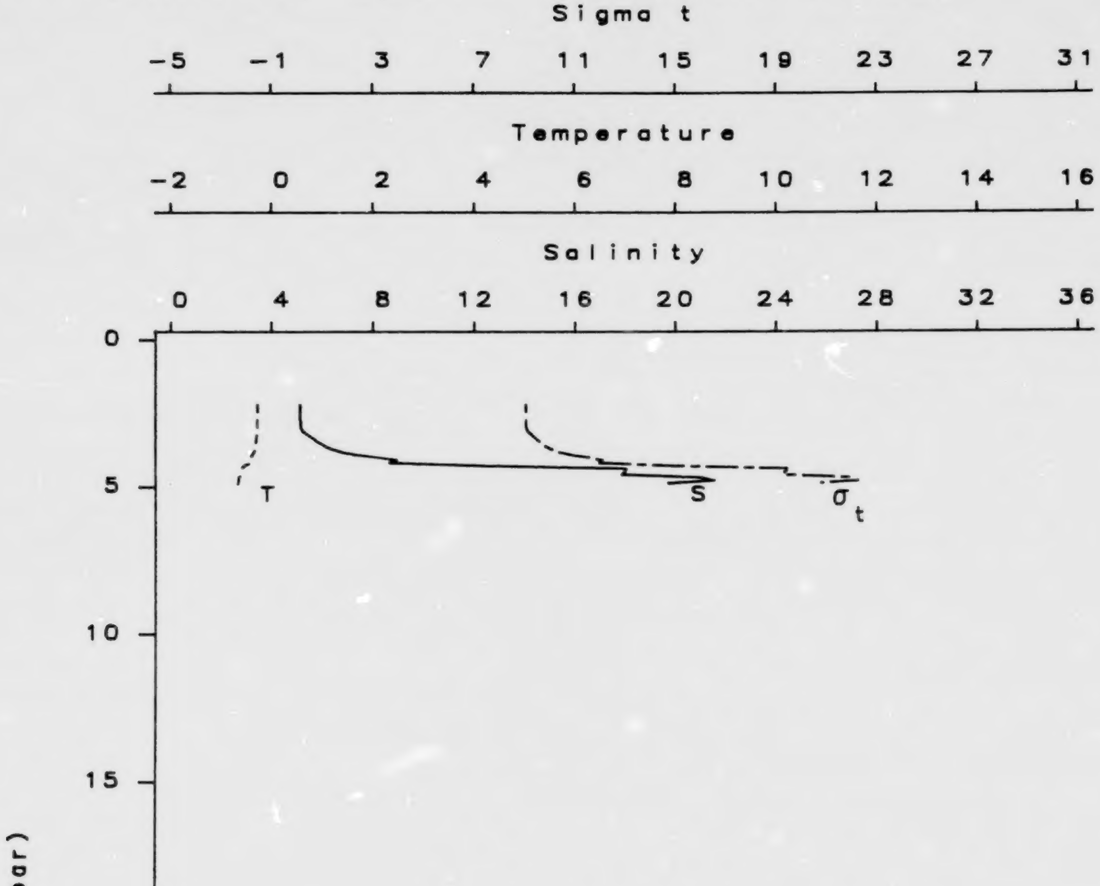

Table A1.14. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86018, May 15, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.2	5.13	-0.29	1004.00	3.2	5.38	-0.30	1004.21	4.3	12.27	-0.55	1009.77
2.3	5.13	-0.29	1004.00	3.4	5.71	-0.32	1004.47	4.4	18.04	-0.61	1014.43
2.5	5.12	-0.29	1004.00	3.6	6.07	-0.33	1004.76	4.6	17.85	-0.62	1014.28
2.6	5.13	-0.29	1004.00	3.7	6.31	-0.34	1004.96	4.7	21.05	-0.66	1016.86
2.7	5.13	-0.29	1004.00	3.8	6.66	-0.35	1005.24	4.8	21.53	-0.66	1017.25
2.8	5.16	-0.29	1004.03	3.9	7.21	-0.39	1005.68	4.9	19.69	-0.68	1015.76
3.0	5.17	-0.29	1004.04	4.1	8.93	-0.45	1007.07				
3.1	5.24	-0.30	1004.09	4.2	8.65	-0.45	1006.85				

STATION: 86019 DATE: 15 May

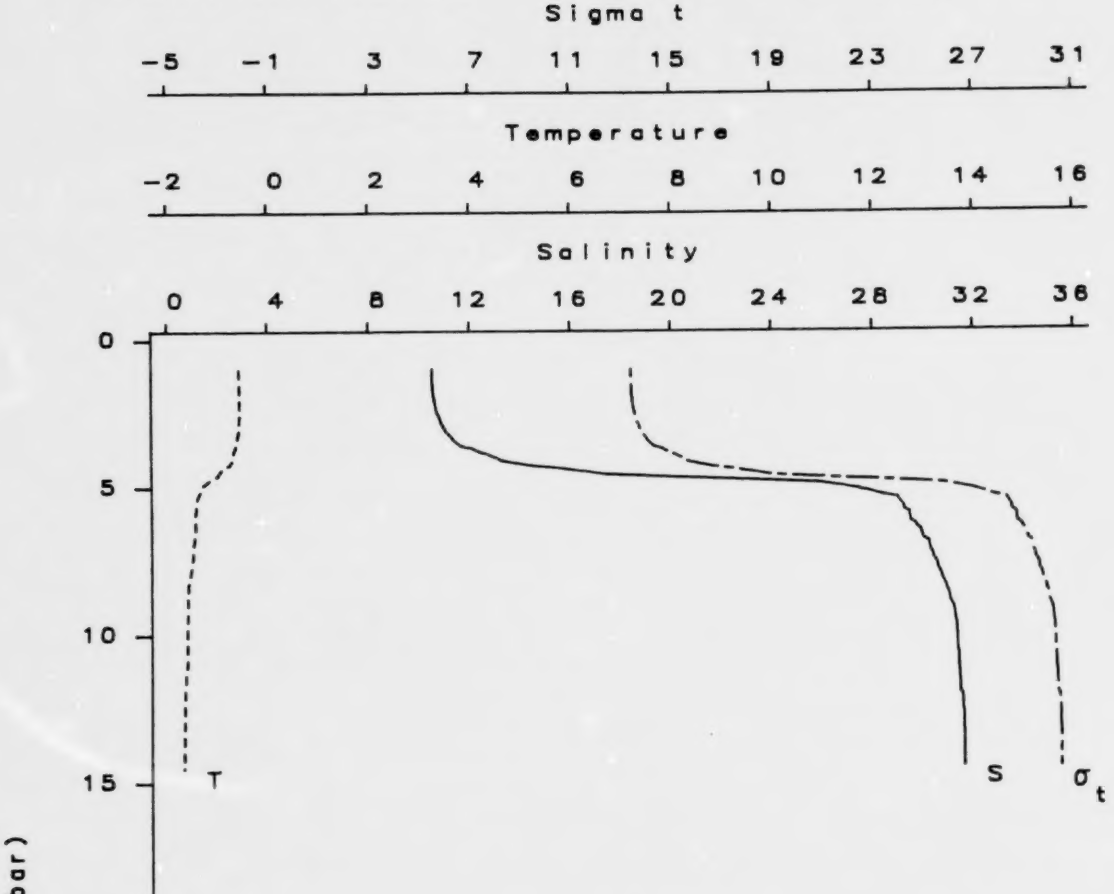

Table A1.15. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86019, May 15, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.0	10.53	-0.58	1008.36	5.4	28.99	-1.41	1023.29	10.1	31.33	-1.61	1025.19
1.1	10.53	-0.57	1008.36	5.7	29.23	-1.43	1023.49	10.4	31.34	-1.61	1025.20
1.2	10.54	-0.57	1008.37	5.8	29.23	-1.43	1023.49	10.5	31.35	-1.61	1025.21
1.4	10.55	-0.57	1008.38	5.9	29.44	-1.44	1023.66	10.6	31.35	-1.61	1025.21
1.5	10.56	-0.57	1008.39	6.2	29.51	-1.44	1023.71	10.7	31.38	-1.61	1025.23
1.6	10.56	-0.57	1008.39	6.3	29.69	-1.44	1023.86	10.9	31.39	-1.61	1025.24
1.7	10.57	-0.57	1008.40	6.4	29.77	-1.45	1023.92	11.0	31.38	-1.61	1025.23
1.9	10.59	-0.57	1008.41	6.5	29.89	-1.45	1024.02	11.1	31.39	-1.62	1025.24
2.0	10.61	-0.57	1008.43	6.6	29.94	-1.46	1024.06	11.3	31.41	-1.64	1025.26
2.1	10.63	-0.57	1008.44	6.8	30.02	-1.47	1024.13	11.6	31.43	-1.65	1025.28
2.3	10.68	-0.57	1008.48	6.9	30.22	-1.48	1024.29	11.8	31.43	-1.66	1025.28
2.5	10.72	-0.57	1008.52	7.2	30.29	-1.49	1024.35	12.0	31.43	-1.66	1025.28
2.6	10.80	-0.57	1008.58	7.3	30.37	-1.50	1024.41	12.1	31.51	-1.67	1025.34
2.8	10.87	-0.58	1008.64	7.4	30.36	-1.50	1024.40	12.2	31.53	-1.67	1025.36
3.0	10.99	-0.58	1008.74	7.5	30.45	-1.51	1024.48	12.3	31.52	-1.67	1025.35
3.1	11.06	-0.58	1008.79	7.6	30.54	-1.51	1024.55	12.4	31.54	-1.67	1025.37
3.2	11.15	-0.59	1008.86	7.8	30.58	-1.53	1024.58	12.6	31.54	-1.67	1025.37
3.3	11.28	-0.61	1008.97	7.9	30.65	-1.54	1024.64	12.7	31.56	-1.67	1025.38
3.4	11.36	-0.61	1009.03	8.0	30.70	-1.55	1024.68	12.9	31.56	-1.67	1025.38
3.6	11.63	-0.64	1009.25	8.1	30.72	-1.57	1024.70	13.1	31.57	-1.68	1025.39
3.7	12.11	-0.66	1009.64	8.3	30.84	-1.59	1024.80	13.2	31.55	-1.68	1025.37
3.8	12.35	-0.68	1009.83	8.4	30.91	-1.59	1024.85	13.3	31.57	-1.68	1025.39
3.9	12.74	-0.70	1010.15	8.5	30.92	-1.59	1024.86	13.4	31.58	-1.68	1025.40
4.1	13.22	-0.72	1010.53	8.6	31.00	-1.60	1024.93	13.6	31.58	-1.68	1025.40
4.2	13.78	-0.76	1010.99	8.9	31.05	-1.60	1024.97	13.8	31.57	-1.68	1025.39
4.3	14.52	-0.83	1011.58	9.0	31.12	-1.60	1025.02	13.9	31.56	-1.68	1025.38
4.4	15.79	-0.93	1012.61	9.1	31.18	-1.60	1025.07	14.1	31.56	-1.68	1025.38
4.6	17.46	-1.00	1013.96	9.4	31.25	-1.60	1025.13	14.2	31.57	-1.68	1025.39
4.7	20.30	-1.11	1016.25	9.5	31.25	-1.60	1025.13	14.3	31.56	-1.68	1025.38
4.8	23.39	-1.20	1018.75	9.6	31.28	-1.61	1025.15	14.4	31.55	-1.68	1025.37
4.9	25.96	-1.28	1020.83	9.7	31.30	-1.61	1025.17	14.5	31.55	-1.68	1025.37
5.1	27.45	-1.34	1022.04	9.8	31.31	-1.61	1025.18				
5.3	28.35	-1.39	1022.77	10.0	31.33	-1.61	1025.19				

STATION: 86005 DATE: 17 May

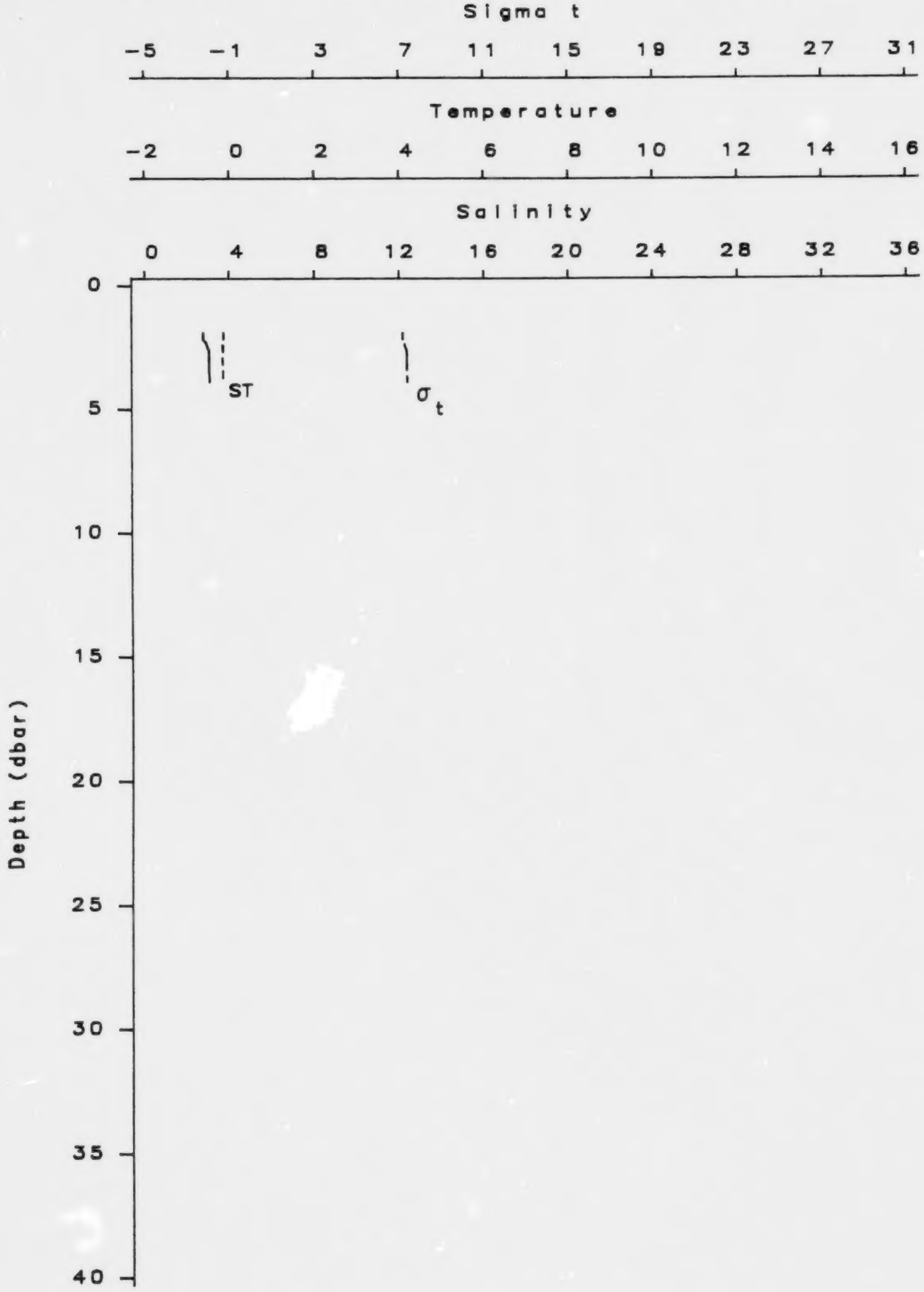

Table A1.16. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86005, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.9	2.80	-0.15	1002.12	2.6	3.06	-0.16	1002.33	3.3	3.09	-0.16	1002.35
2.0	2.79	-0.15	1002.11	2.7	3.08	-0.16	1002.35	3.4	3.08	-0.16	1002.35
2.2	2.81	-0.15	1002.13	2.8	3.08	-0.16	1002.35	3.7	3.11	-0.16	1002.37
2.3	2.93	-0.16	1002.22	3.0	3.08	-0.17	1002.35	3.8	3.11	-0.16	1002.37
2.5	3.00	-0.16	1002.28	3.2	3.09	-0.16	1002.35	3.9	3.10	-0.16	1002.36

STATION: 86006 DATE: 17 May

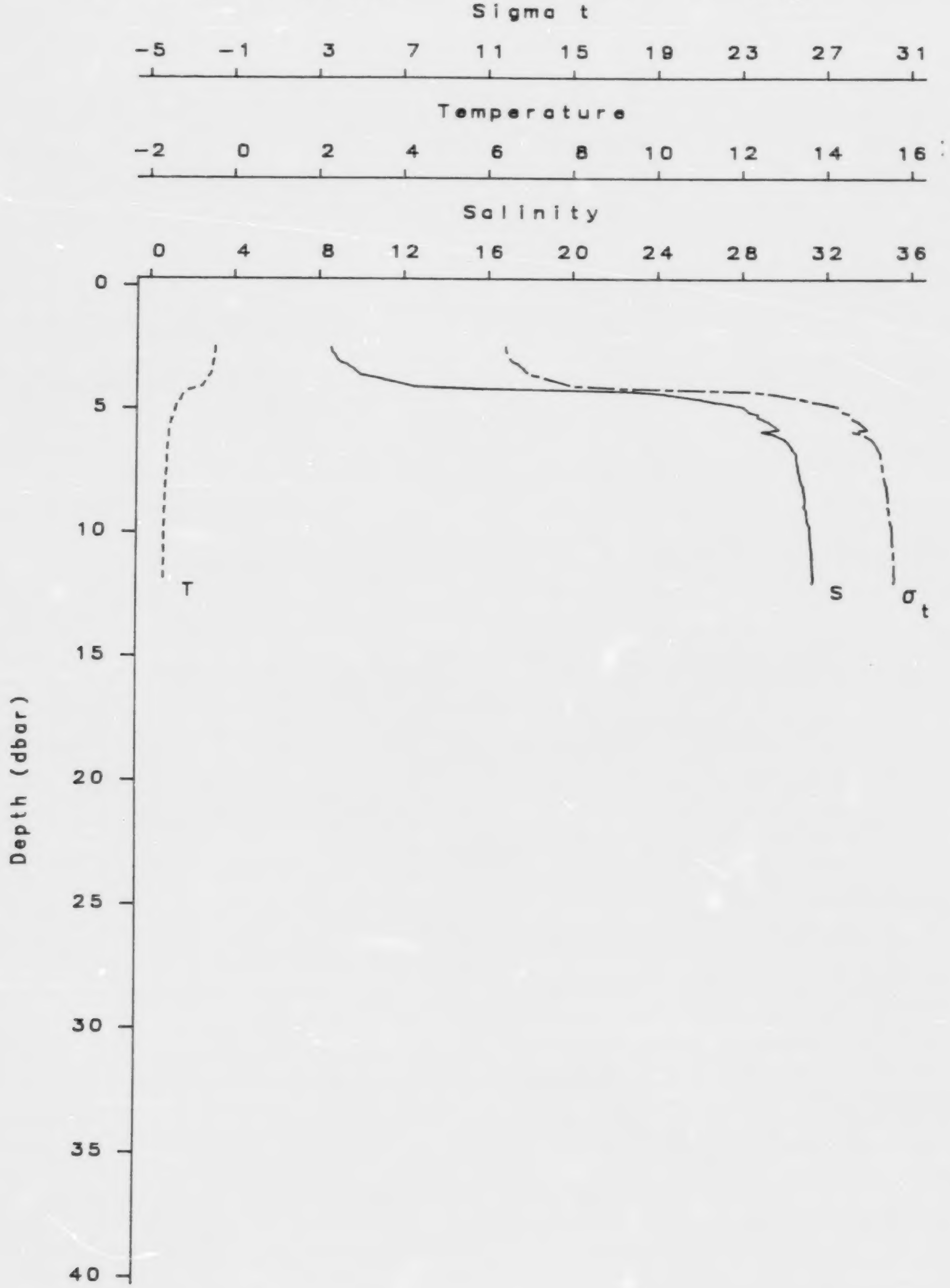

Table A1.17. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86006, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.5	8.57	-0.47	1006.78	5.8	29.71	-1.54	1023.88	9.0	30.95	-1.64	1024.89
2.7	8.63	-0.47	1006.83	5.9	28.88	-1.55	1023.20	9.1	31.02	-1.65	1024.94
2.8	8.74	-0.48	1006.92	6.0	29.47	-1.55	1023.68	9.2	31.00	-1.65	1024.93
3.0	8.86	-0.50	1007.02	6.2	29.95	-1.56	1024.07	9.4	31.05	-1.65	1024.97
3.1	9.00	-0.51	1007.13	6.3	30.10	-1.56	1024.19	9.5	31.05	-1.65	1024.97
3.2	9.31	-0.53	1007.38	6.5	30.29	-1.58	1024.35	9.6	31.10	-1.65	1025.01
3.4	9.64	-0.55	1007.64	6.6	30.35	-1.58	1024.40	9.7	31.17	-1.65	1025.06
3.6	9.91	-0.57	1007.86	6.8	30.52	-1.60	1024.54	9.8	31.18	-1.66	1025.07
3.8	10.99	-0.66	1008.73	6.9	30.52	-1.59	1024.54	10.0	31.20	-1.66	1025.09
4.1	12.49	-0.77	1009.94	7.2	30.58	-1.60	1024.58	10.1	31.20	-1.66	1025.09
4.2	15.68	-0.95	1012.52	7.3	30.62	-1.60	1024.62	10.2	31.21	-1.66	1025.10
4.3	22.84	-1.14	1018.31	7.5	30.65	-1.60	1024.64	10.4	31.23	-1.66	1025.11
4.4	24.30	-1.21	1019.49	7.6	30.68	-1.61	1024.67	10.6	31.25	-1.66	1025.13
4.6	25.95	-1.27	1020.83	7.8	30.72	-1.61	1024.70	10.7	31.27	-1.66	1025.15
4.7	26.58	-1.30	1021.34	7.9	30.77	-1.62	1024.74	10.9	31.29	-1.66	1025.16
4.8	27.40	-1.36	1022.00	8.0	30.79	-1.62	1024.76	11.0	31.30	-1.66	1025.17
4.9	28.02	-1.39	1022.50	8.1	30.87	-1.63	1024.82	11.1	31.30	-1.66	1025.17
5.1	28.28	-1.41	1022.72	8.3	30.89	-1.63	1024.84	11.3	31.31	-1.66	1025.18
5.2	28.71	-1.44	1023.06	8.4	30.92	-1.63	1024.86	11.6	31.33	-1.66	1025.19
5.3	28.68	-1.45	1023.04	8.5	30.92	-1.63	1024.86	11.7	31.33	-1.66	1025.19
5.4	28.94	-1.47	1023.25	8.6	30.95	-1.64	1024.89	11.8	31.36	-1.66	1025.22
5.5	29.21	-1.50	1023.47	8.7	30.96	-1.64	1024.89	12.0	31.28	-1.66	1025.15
5.7	29.54	-1.53	1023.74	8.9	30.87	-1.64	1024.82				

STATION: 86007 DATE: 17 May

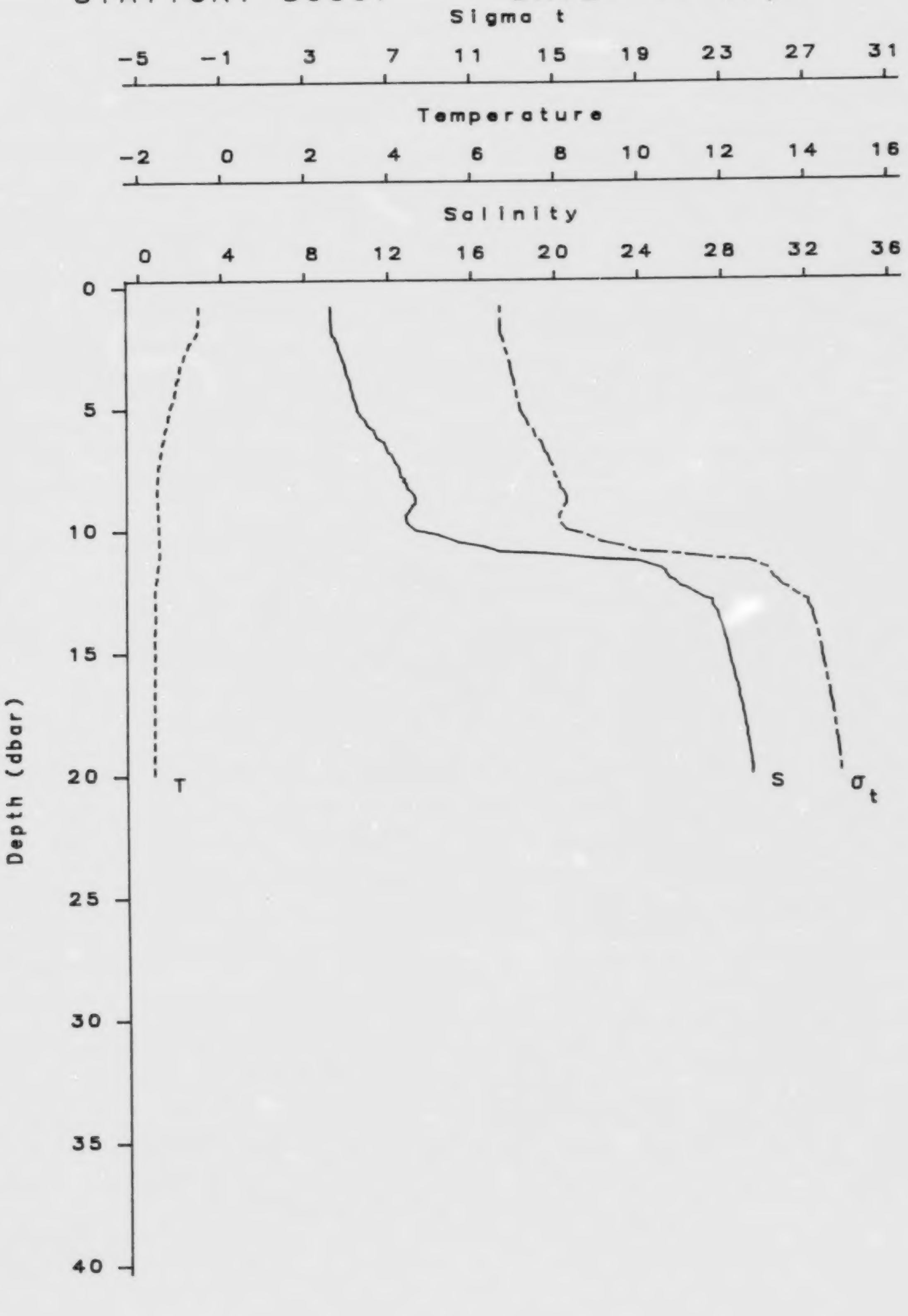

Table A1.18. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86007, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.8	9.24	-0.57	1007.32	7.3	12.37	-1.53	1009.81	14.2	27.98	-1.64	1022.47
1.0	9.26	-0.57	1007.34	7.4	12.46	-1.55	1009.89	14.3	28.02	-1.63	1022.51
1.2	9.26	-0.57	1007.34	7.5	12.49	-1.55	1009.91	14.4	28.03	-1.64	1022.52
1.4	9.24	-0.57	1007.32	7.8	12.55	-1.56	1009.96	14.5	28.09	-1.64	1022.56
1.5	9.26	-0.58	1007.34	7.9	12.74	-1.57	1010.11	14.7	28.15	-1.63	1022.61
1.6	9.28	-0.59	1007.35	8.0	12.67	-1.57	1010.06	14.9	28.19	-1.64	1022.65
1.7	9.28	-0.60	1007.35	8.1	12.82	-1.57	1010.18	15.0	28.22	-1.63	1022.67
1.9	9.30	-0.61	1007.37	8.3	12.87	-1.57	1010.22	15.2	28.26	-1.64	1022.70
2.0	9.34	-0.64	1007.40	8.4	13.04	-1.58	1010.36	15.4	28.32	-1.63	1022.75
2.1	9.46	-0.69	1007.49	8.6	13.21	-1.56	1010.49	15.5	28.32	-1.63	1022.75
2.2	9.45	-0.71	1007.48	8.7	13.24	-1.55	1010.52	15.6	28.38	-1.64	1022.80
2.3	9.56	-0.79	1007.57	8.9	13.25	-1.56	1010.53	15.8	28.44	-1.64	1022.85
2.6	9.63	-0.85	1007.62	9.0	13.10	-1.56	1010.40	16.0	28.48	-1.64	1022.88
2.8	9.74	-0.91	1007.71	9.2	12.96	-1.56	1010.29	16.2	28.53	-1.64	1022.92
3.0	9.80	-0.94	1007.76	9.4	12.76	-1.53	1010.13	16.3	28.59	-1.64	1022.97
3.1	9.85	-0.98	1007.80	9.5	12.79	-1.54	1010.15	16.4	28.64	-1.64	1023.01
3.2	9.92	-1.02	1007.85	9.7	12.83	-1.53	1010.19	16.5	28.64	-1.64	1023.01
3.3	9.91	-1.01	1007.84	10.0	13.21	-1.52	1010.50	16.6	28.70	-1.65	1023.06
3.4	9.95	-1.03	1007.87	10.1	13.77	-1.52	1010.95	16.8	28.68	-1.65	1023.04
3.6	9.99	-1.04	1007.91	10.2	14.33	-1.52	1011.40	16.9	28.72	-1.64	1023.08
3.7	10.04	-1.05	1007.95	10.5	15.26	-1.51	1012.16	17.0	28.76	-1.65	1023.11
3.8	10.10	-1.08	1007.99	10.7	16.57	-1.51	1013.22	17.1	28.80	-1.65	1023.14
3.9	10.15	-1.11	1008.03	10.9	17.26	-1.51	1013.78	17.3	28.87	-1.65	1023.20
4.2	10.20	-1.12	1008.07	11.0	19.53	-1.51	1015.62	17.5	28.89	-1.65	1023.21
4.3	10.26	-1.14	1008.12	11.2	21.82	-1.53	1017.48	17.6	28.93	-1.65	1023.25
4.4	10.29	-1.15	1008.14	11.3	23.95	-1.54	1019.21	17.7	28.95	-1.65	1023.26
4.6	10.32	-1.16	1008.17	11.6	25.04	-1.57	1020.09	17.9	28.98	-1.65	1023.29
4.7	10.38	-1.19	1008.22	11.7	25.20	-1.58	1020.22	18.0	28.99	-1.65	1023.29
4.8	10.42	-1.22	1008.25	11.8	25.24	-1.58	1020.25	18.1	29.03	-1.65	1023.33
4.9	10.46	-1.25	1008.28	12.0	25.41	-1.59	1020.39	18.2	29.08	-1.65	1023.37
5.1	10.50	-1.27	1008.31	12.1	25.65	-1.61	1020.58	18.4	29.06	-1.65	1023.35
5.3	10.65	-1.30	1008.43	12.3	25.89	-1.62	1020.78	18.5	29.08	-1.65	1023.37
5.5	10.86	-1.32	1008.60	12.4	26.21	-1.63	1021.04	18.6	29.14	-1.66	1023.42
5.7	10.97	-1.34	1008.69	12.6	26.59	-1.64	1021.35	18.7	29.15	-1.65	1023.42
5.8	11.10	-1.36	1008.79	12.8	27.00	-1.63	1021.68	19.0	29.20	-1.66	1023.47
5.9	11.27	-1.39	1008.93	12.9	27.42	-1.62	1022.02	19.1	29.20	-1.65	1023.47
6.2	11.41	-1.40	1009.04	13.1	27.44	-1.62	1022.04	19.2	29.24	-1.66	1023.50
6.3	11.56	-1.42	1009.16	13.3	27.60	-1.62	1022.17	19.4	29.28	-1.66	1023.53
6.4	11.76	-1.45	1009.32	13.4	27.70	-1.62	1022.25	19.6	29.30	-1.66	1023.55
6.6	11.86	-1.47	1009.40	13.6	27.74	-1.62	1022.28	19.7	29.33	-1.66	1023.57
6.8	11.96	-1.48	1009.48	13.8	27.81	-1.62	1022.34	19.9	29.29	-1.66	1023.54
6.9	12.11	-1.50	1009.60	13.9	27.88	-1.63	1022.39	20.0	29.30	-1.66	1023.55
7.2	12.28	-1.51	1009.74	14.1	27.94	-1.63	1022.44				

STATION: 86008 DATE: 17 May

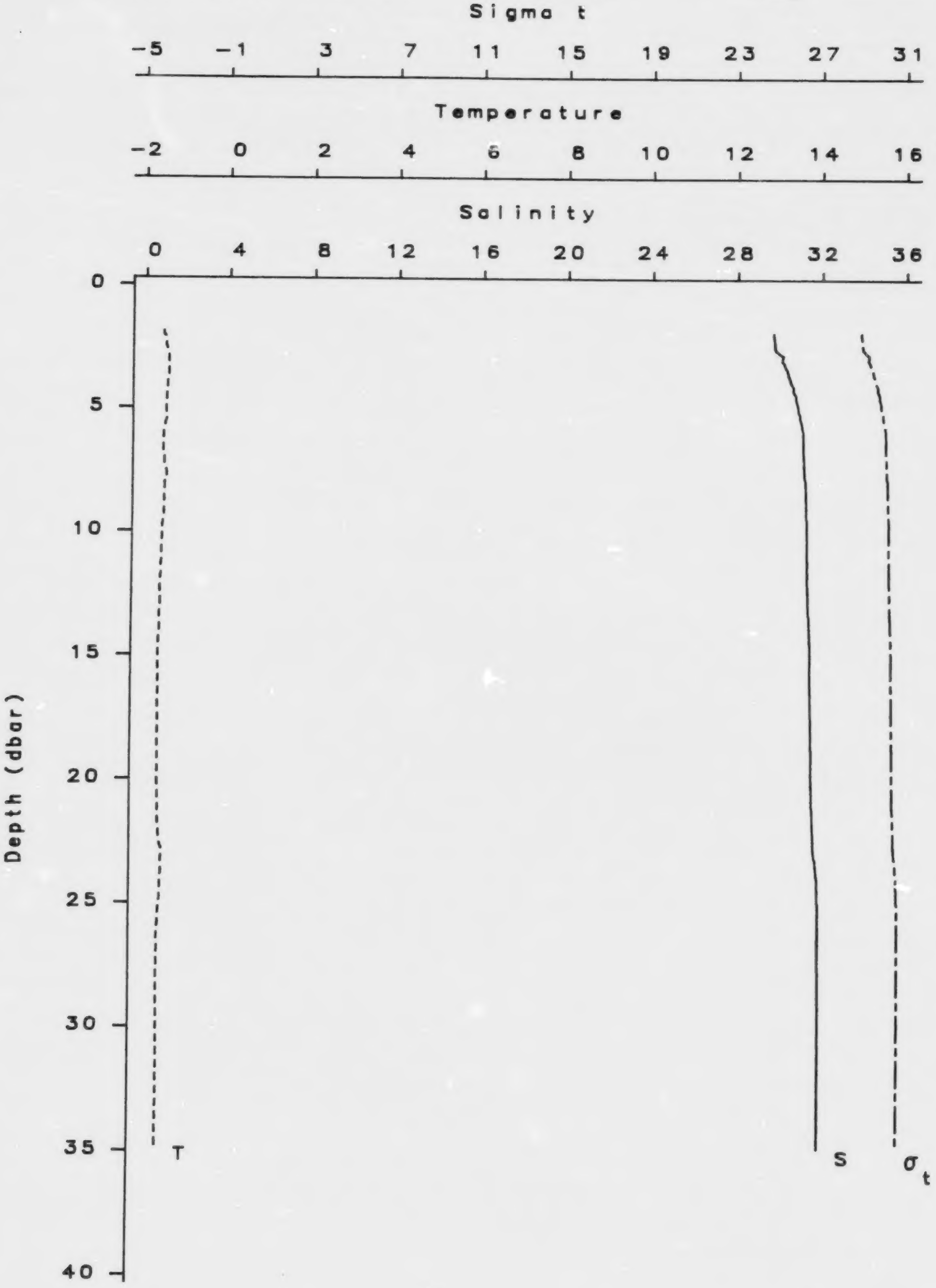

Table A1.19. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86008, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.9	29.68	-1.59	1023.85	8.5	31.28	-1.56	1025.15	15.5	31.50	-1.66	1025.33
2.0	29.67	-1.59	1023.85	8.6	31.25	-1.56	1025.13	15.6	31.50	-1.66	1025.33
2.1	29.70	-1.54	1023.87	8.7	31.28	-1.56	1025.15	15.8	31.51	-1.66	1025.34
2.3	29.75	-1.52	1023.91	8.9	31.28	-1.55	1025.15	15.9	31.51	-1.67	1025.34
2.5	29.74	-1.51	1023.90	9.0	31.29	-1.56	1025.16	16.0	31.51	-1.66	1025.34
2.6	29.80	-1.49	1023.95	9.1	31.29	-1.56	1025.16	16.2	31.52	-1.66	1025.35
2.7	29.96	-1.46	1024.08	9.4	31.30	-1.57	1025.17	16.3	31.51	-1.66	1025.34
2.8	30.12	-1.45	1024.21	9.5	31.32	-1.58	1025.19	16.4	31.53	-1.67	1025.36
3.0	30.06	-1.45	1024.16	9.7	31.33	-1.59	1025.19	16.5	31.53	-1.67	1025.36
3.1	30.18	-1.45	1024.26	9.8	31.31	-1.60	1025.18	16.8	31.53	-1.67	1025.36
3.2	30.22	-1.44	1024.29	10.0	31.33	-1.60	1025.19	16.9	31.54	-1.67	1025.37
3.3	30.27	-1.44	1024.33	10.1	31.34	-1.60	1025.20	17.0	31.53	-1.67	1025.36
3.4	30.34	-1.45	1024.39	10.2	31.34	-1.60	1025.20	17.1	31.54	-1.67	1025.37
3.6	30.39	-1.46	1024.43	10.5	31.33	-1.61	1025.19	17.3	31.55	-1.67	1025.37
3.7	30.45	-1.46	1024.48	10.6	31.33	-1.61	1025.19	17.4	31.53	-1.66	1025.36
3.8	30.48	-1.48	1024.50	10.7	31.34	-1.61	1025.20	17.5	31.55	-1.66	1025.37
3.9	30.52	-1.49	1024.53	10.9	31.33	-1.61	1025.19	17.6	31.56	-1.66	1025.38
4.1	30.65	-1.50	1024.64	11.0	31.33	-1.61	1025.19	17.7	31.55	-1.66	1025.37
4.2	30.59	-1.49	1024.59	11.1	31.35	-1.61	1025.21	18.0	31.57	-1.67	1025.39
4.3	30.67	-1.51	1024.66	11.2	31.35	-1.61	1025.21	18.1	31.57	-1.67	1025.39
4.4	30.75	-1.51	1024.72	11.3	31.34	-1.62	1025.20	18.2	31.56	-1.66	1025.38
4.6	30.76	-1.52	1024.73	11.5	31.35	-1.62	1025.21	18.5	31.57	-1.67	1025.39
4.8	30.83	-1.53	1024.79	11.6	31.36	-1.62	1025.22	18.6	31.57	-1.66	1025.39
5.1	30.88	-1.52	1024.83	11.7	31.36	-1.62	1025.22	18.7	31.57	-1.66	1025.39
5.2	30.95	-1.51	1024.88	11.8	31.35	-1.63	1025.21	18.8	31.59	-1.66	1025.41
5.4	30.97	-1.50	1024.90	12.0	31.36	-1.63	1025.22	19.1	31.58	-1.66	1025.40
5.5	31.01	-1.52	1024.93	12.2	31.38	-1.64	1025.24	19.2	31.58	-1.66	1025.40
5.7	31.05	-1.55	1024.97	12.3	31.38	-1.63	1025.23	19.4	31.59	-1.66	1025.41
5.9	31.10	-1.58	1025.01	12.4	31.39	-1.63	1025.24	19.6	31.59	-1.66	1025.41
6.0	31.11	-1.58	1025.01	12.6	31.40	-1.63	1025.25	19.7	31.59	-1.66	1025.41
6.2	31.13	-1.59	1025.03	12.7	31.40	-1.63	1025.25	19.9	31.60	-1.66	1025.41
6.3	31.11	-1.59	1025.01	12.9	31.39	-1.63	1025.24	20.0	31.61	-1.66	1025.42
6.4	31.11	-1.59	1025.01	13.1	31.42	-1.64	1025.27	20.1	31.61	-1.66	1025.42
6.5	31.12	-1.59	1025.02	13.3	31.42	-1.65	1025.27	20.2	31.61	-1.66	1025.42
6.8	31.14	-1.57	1025.04	13.4	31.44	-1.64	1025.28	20.3	31.62	-1.65	1025.43
6.9	31.15	-1.56	1025.05	13.6	31.46	-1.64	1025.30	20.5	31.63	-1.65	1025.44
7.0	31.16	-1.55	1025.05	13.8	31.46	-1.64	1025.30	20.7	31.63	-1.65	1025.44
7.2	31.17	-1.55	1025.06	14.1	31.48	-1.66	1025.32	20.8	31.63	-1.65	1025.44
7.3	31.17	-1.54	1025.06	14.3	31.48	-1.66	1025.32	21.0	31.63	-1.64	1025.44
7.5	31.19	-1.50	1025.08	14.4	31.47	-1.66	1025.31	21.1	31.65	-1.64	1025.45
7.6	31.19	-1.49	1025.08	14.5	31.50	-1.66	1025.33	21.3	31.67	-1.63	1025.47
7.8	31.21	-1.49	1025.09	14.7	31.50	-1.67	1025.33	21.6	31.68	-1.63	1025.48
7.9	31.24	-1.51	1025.12	14.9	31.50	-1.67	1025.33	21.7	31.69	-1.63	1025.49
8.0	31.25	-1.55	1025.13	15.0	31.50	-1.67	1025.33	21.8	31.69	-1.63	1025.49
8.3	31.27	-1.55	1025.14	15.2	31.50	-1.67	1025.33	21.9	31.69	-1.62	1025.49
8.4	31.28	-1.56	1025.15	15.3	31.50	-1.67	1025.33	22.1	31.70	-1.60	1025.49

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Table A1.19. Station 86008 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.2	31.70	-1.60	1025.49	26.5	31.96	-1.64	1025.71	31.1	31.98	-1.64	1025.72
22.4	31.72	-1.59	1025.51	26.6	31.96	-1.64	1025.71	31.2	32.00	-1.64	1025.74
22.6	31.71	-1.58	1025.50	26.7	31.96	-1.64	1025.71	31.4	32.00	-1.64	1025.74
22.7	31.73	-1.56	1025.52	26.9	31.96	-1.64	1025.71	31.6	31.99	-1.64	1025.73
22.8	31.74	-1.54	1025.53	27.0	31.96	-1.64	1025.71	31.8	32.00	-1.64	1025.74
23.1	31.78	-1.55	1025.56	27.1	31.96	-1.64	1025.71	31.9	32.01	-1.65	1025.75
23.2	31.82	-1.56	1025.59	27.2	31.96	-1.65	1025.71	32.1	32.00	-1.64	1025.74
23.4	31.84	-1.55	1025.61	27.4	31.97	-1.64	1025.71	32.2	31.99	-1.64	1025.73
23.5	31.85	-1.55	1025.61	27.6	31.97	-1.65	1025.71	32.4	31.98	-1.64	1025.72
23.7	31.87	-1.56	1025.63	27.7	31.98	-1.65	1025.72	32.5	32.00	-1.64	1025.74
23.8	31.87	-1.56	1025.63	27.8	31.98	-1.65	1025.72	32.7	32.00	-1.64	1025.74
23.9	31.89	-1.57	1025.65	28.1	31.98	-1.65	1025.72	32.8	32.00	-1.64	1025.74
24.0	31.91	-1.57	1025.66	28.2	31.98	-1.65	1025.72	32.9	32.00	-1.64	1025.74
24.2	31.91	-1.58	1025.66	28.4	31.98	-1.65	1025.72	33.0	32.00	-1.64	1025.74
24.4	31.93	-1.58	1025.68	28.6	31.98	-1.65	1025.72	33.2	32.01	-1.65	1025.75
24.5	31.92	-1.58	1025.67	28.7	31.98	-1.65	1025.72	33.3	32.01	-1.65	1025.75
24.6	31.93	-1.58	1025.68	28.9	31.99	-1.65	1025.73	33.4	32.00	-1.64	1025.74
24.9	31.94	-1.59	1025.69	29.1	32.00	-1.65	1025.74	33.5	32.01	-1.65	1025.75
25.0	31.96	-1.60	1025.71	29.2	31.99	-1.64	1025.73	33.6	32.00	-1.64	1025.74
25.1	31.96	-1.61	1025.71	29.5	31.99	-1.64	1025.73	33.8	32.00	-1.64	1025.74
25.3	31.96	-1.61	1025.71	29.7	31.99	-1.64	1025.73	33.9	31.99	-1.64	1025.73
25.4	31.95	-1.61	1025.70	29.8	32.00	-1.65	1025.74	34.0	32.01	-1.65	1025.75
25.5	31.96	-1.62	1025.71	30.0	32.00	-1.64	1025.74	34.1	31.99	-1.65	1025.73
25.8	31.97	-1.62	1025.71	30.1	31.99	-1.65	1025.73	34.4	32.00	-1.64	1025.74
25.9	31.96	-1.63	1025.71	30.3	31.98	-1.64	1025.72	34.5	32.01	-1.65	1025.75
26.0	31.96	-1.64	1025.71	30.4	31.99	-1.64	1025.73	34.6	31.99	-1.65	1025.73
26.1	31.96	-1.64	1025.71	30.6	31.98	-1.64	1025.72	34.8	31.99	-1.64	1025.73
26.3	31.96	-1.64	1025.71	30.7	32.00	-1.64	1025.74				
26.4	31.96	-1.65	1025.71	30.9	32.00	-1.64	1025.74				

Table A1.20. Salinity, temperature (C) and density (kg.m**-3) data by depth (m) for station 86030, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
3.0	0.54										

Table A1.21. Salinity, temperature (C) and density (kg.m**-3) data by depth (m) for station 86031, May 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
3.0	0.23										

STATION: 86020 DATE: 18 May

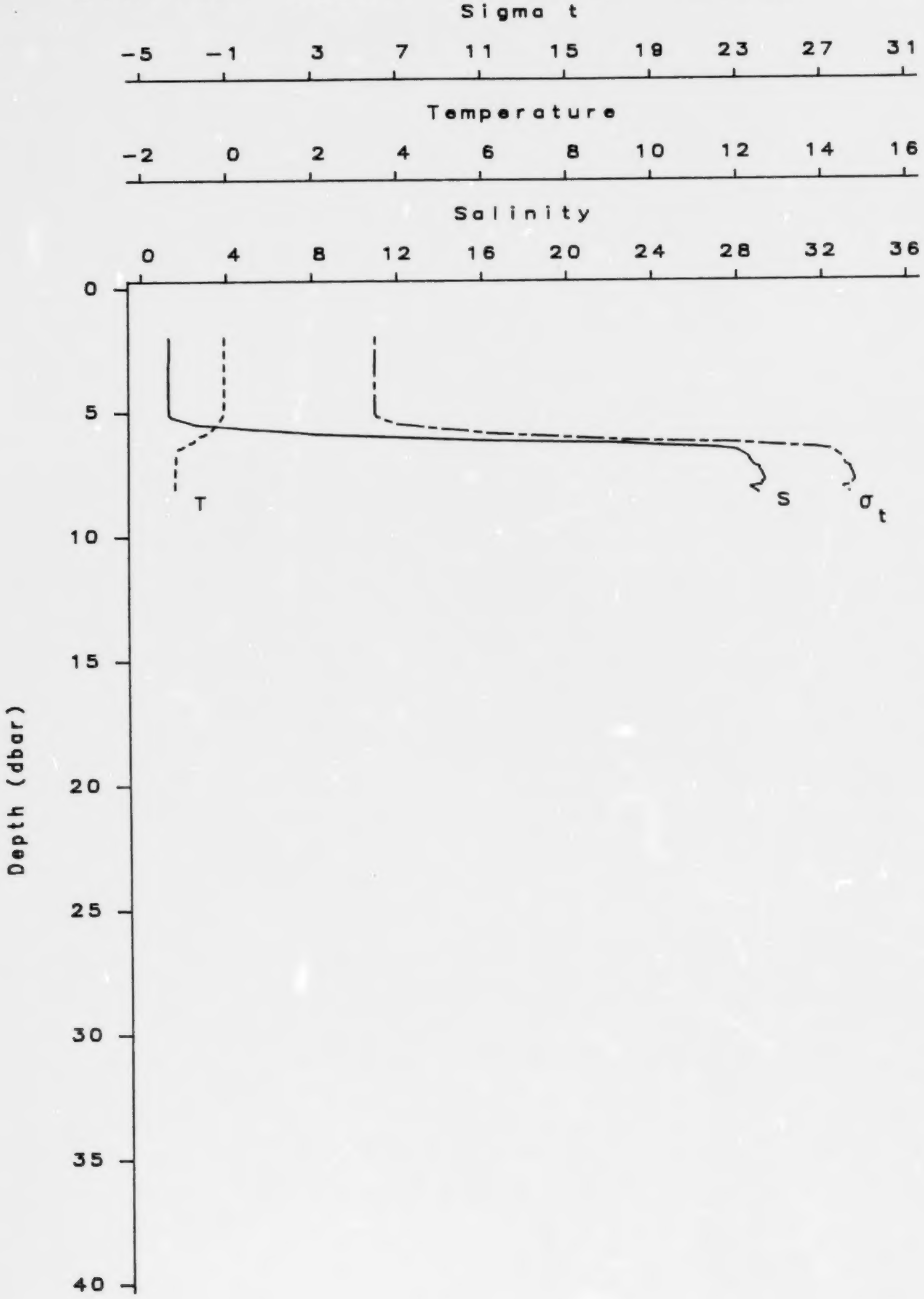

Table A1.22. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86020, May 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.0	1.32	-0.07	1000.92	4.3	1.29	-0.07	1000.89	6.4	24.45	-1.02	1019.61
2.1	1.34	-0.07	1000.93	4.4	1.31	-0.07	1000.91	6.5	27.04	-1.15	1021.71
2.2	1.32	-0.07	1000.92	4.6	1.31	-0.07	1000.91	6.6	27.98	-1.19	1022.47
2.5	1.31	-0.07	1000.91	4.7	1.32	-0.07	1000.92	6.9	28.53	-1.20	1022.92
2.6	1.32	-0.07	1000.92	4.8	1.32	-0.08	1000.92	7.0	28.58	-1.20	1022.96
2.7	1.33	-0.07	1000.93	4.9	1.33	-0.07	1000.93	7.2	28.75	-1.20	1023.09
2.8	1.33	-0.07	1000.93	5.1	1.35	-0.09	1000.94	7.3	29.01	-1.21	1023.30
3.1	1.28	-0.07	1000.89	5.2	1.44	-0.12	1001.01	7.4	29.04	-1.21	1023.33
3.2	1.27	-0.07	1000.88	5.5	2.52	-0.23	1001.89	7.5	29.13	-1.21	1023.40
3.4	1.27	-0.07	1000.88	5.7	5.08	-0.35	1003.96	7.8	29.28	-1.21	1023.52
3.6	1.27	-0.07	1000.88	5.8	6.73	-0.43	1005.29	7.9	29.13	-1.22	1023.40
3.7	1.27	-0.07	1000.88	5.9	8.07	-0.52	1006.37	8.0	29.09	-1.22	1023.37
3.8	1.28	-0.07	1000.89	6.0	10.88	-0.68	1008.64	8.1	28.58	-1.22	1022.96
3.9	1.27	-0.07	1000.88	6.2	16.40	-0.79	1013.10	8.3	28.95	-1.21	1023.26
4.1	1.28	-0.07	1000.89	6.3	22.46	-0.94	1018.00				

STATION: 86021 DATE: 18 May

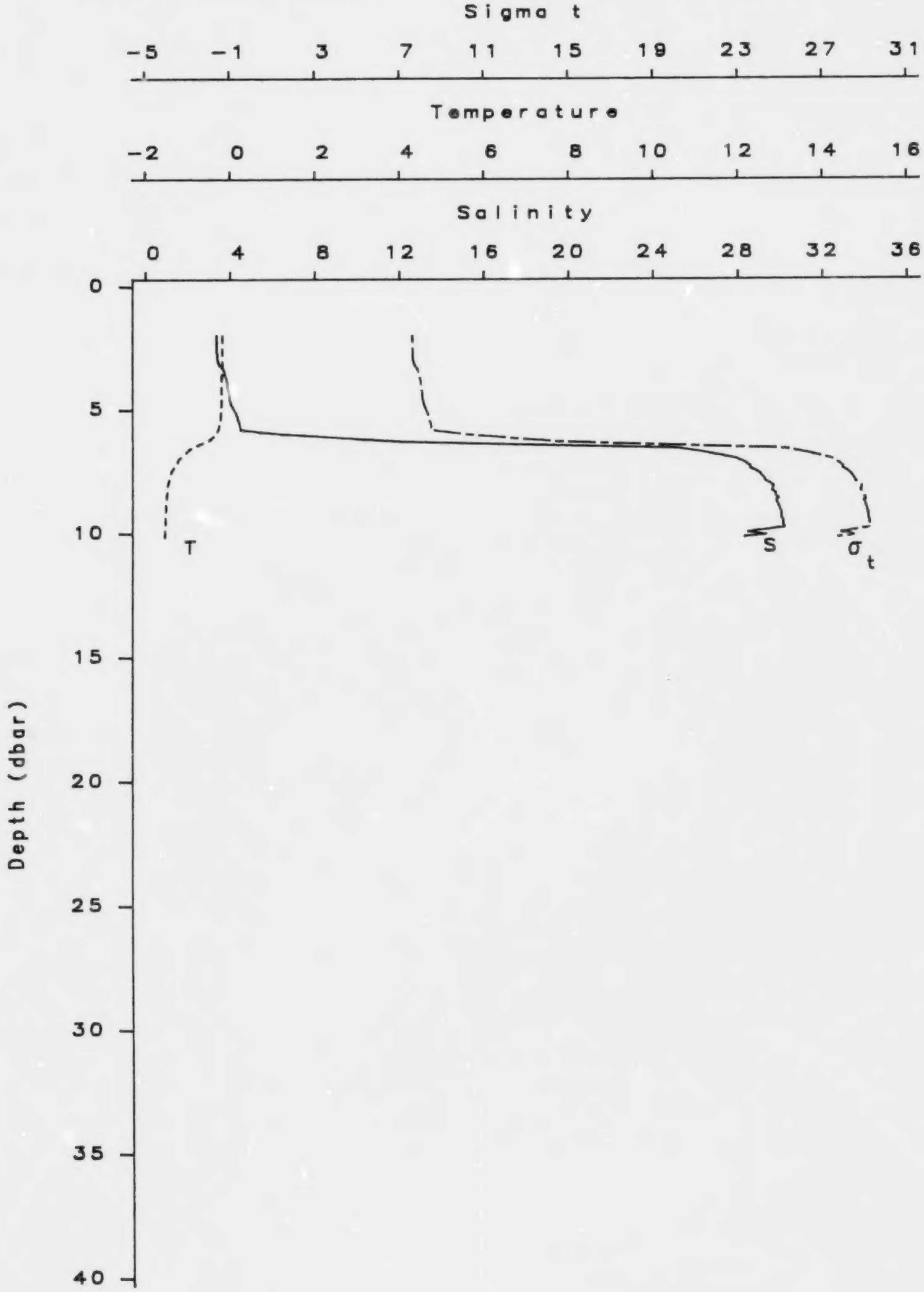

Table A1.23. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 8602i, May 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
2.0	3.36	-0.20	1002.57	4.7	4.03	-0.22	1003.11	7.6	28.98	-1.43	1023.28
2.1	3.36	-0.20	1002.57	4.8	4.05	-0.22	1003.13	7.8	29.18	-1.45	1023.45
2.2	3.37	-0.20	1002.58	4.9	4.12	-0.23	1003.19	7.9	29.25	-1.46	1023.50
2.3	3.37	-0.20	1002.58	5.1	4.25	-0.24	1003.29	8.0	29.45	-1.48	1023.67
2.5	3.38	-0.20	1002.59	5.2	4.31	-0.24	1003.34	8.1	29.61	-1.49	1023.80
2.6	3.39	-0.20	1002.60	5.4	4.37	-0.25	1003.39	8.3	29.54	-1.49	1023.74
2.7	3.39	-0.20	1002.60	5.5	4.42	-0.27	1003.43	8.4	29.73	-1.50	1023.89
2.8	3.41	-0.20	1002.61	5.8	4.50	-0.29	1003.49	8.5	29.71	-1.51	1023.88
3.0	3.43	-0.20	1002.63	5.9	5.36	-0.33	1004.19	8.6	29.85	-1.51	1023.99
3.1	3.46	-0.20	1002.65	6.0	6.46	-0.36	1005.08	8.7	29.74	-1.51	1023.90
3.2	3.51	-0.20	1002.69	6.2	9.98	-0.48	1007.92	8.9	29.87	-1.53	1024.01
3.3	3.62	-0.20	1002.78	6.3	12.01	-0.60	1009.56	9.1	29.96	-1.53	1024.08
3.4	3.71	-0.20	1002.86	6.4	16.00	-0.74	1012.78	9.2	30.00	-1.54	1024.11
3.6	3.76	-0.21	1002.90	6.6	25.21	-0.98	1020.23	9.4	29.98	-1.54	1024.10
3.7	3.81	-0.21	1002.94	6.8	26.71	-1.09	1021.44	9.5	30.07	-1.54	1024.17
3.8	3.85	-0.22	1002.97	6.9	27.29	-1.16	1021.91	9.7	30.10	-1.55	1024.19
3.9	3.88	-0.22	1002.99	7.0	27.88	-1.23	1022.39	9.8	30.13	-1.55	1024.22
4.1	3.89	-0.22	1003.00	7.2	28.36	-1.28	1022.78	10.0	28.40	-1.55	1022.81
4.2	3.93	-0.22	1003.03	7.3	28.52	-1.33	1022.91	10.1	29.25	-1.56	1023.50
4.4	3.98	-0.22	1003.07	7.4	28.54	-1.36	1022.93	10.2	28.24	-1.55	1022.68
4.6	4.00	-0.22	1003.09	7.5	28.79	-1.40	1023.13				

STATION: 86022 DATE: 18 May

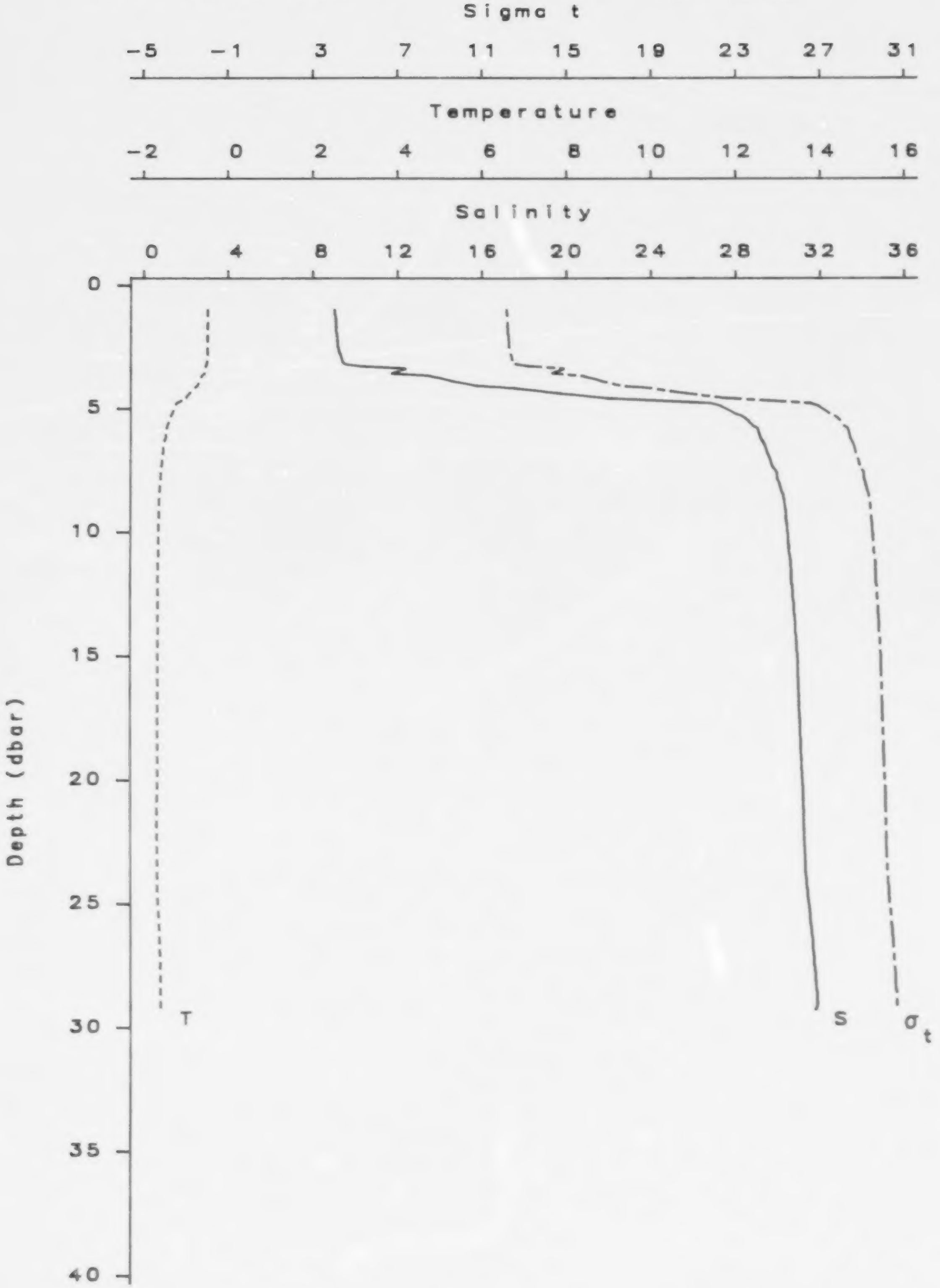

Table A1.24. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86022, May 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.0	9.02	-0.50	1007.14	7.2	29.65	-1.57	1023.83	13.3	30.75	-1.65	1024.72
1.1	9.03	-0.50	1007.15	7.3	29.68	-1.58	1023.85	13.4	30.77	-1.66	1024.74
1.2	9.04	-0.50	1007.16	7.4	29.75	-1.58	1023.91	13.6	30.79	-1.66	1024.76
1.4	9.09	-0.50	1007.20	7.5	29.84	-1.59	1023.98	13.8	30.80	-1.65	1024.76
1.5	9.09	-0.49	1007.20	7.6	29.92	-1.60	1024.05	14.1	30.81	-1.66	1024.77
1.6	9.09	-0.50	1007.20	7.8	29.92	-1.61	1024.05	14.2	30.84	-1.66	1024.80
1.7	9.10	-0.50	1007.21	7.9	29.96	-1.60	1024.08	14.4	30.86	-1.66	1024.81
1.9	9.11	-0.50	1007.22	8.0	30.03	-1.61	1024.14	14.5	30.86	-1.66	1024.81
2.0	9.13	-0.50	1007.23	8.1	30.05	-1.62	1024.15	14.7	30.87	-1.66	1024.82
2.1	9.15	-0.50	1007.25	8.3	30.12	-1.62	1024.21	14.8	30.86	-1.66	1024.81
2.2	9.15	-0.50	1007.25	8.4	30.17	-1.63	1024.25	14.9	30.90	-1.66	1024.85
2.3	9.17	-0.50	1007.27	8.5	30.22	-1.63	1024.29	15.0	30.88	-1.66	1024.83
2.5	9.18	-0.50	1007.27	8.6	30.23	-1.63	1024.30	15.2	30.91	-1.66	1024.85
2.6	9.21	-0.50	1007.30	8.7	30.27	-1.64	1024.33	15.3	30.90	-1.66	1024.85
2.7	9.24	-0.50	1007.32	9.0	30.30	-1.64	1024.36	15.4	30.91	-1.66	1024.85
2.8	9.29	-0.50	1007.36	9.1	30.32	-1.64	1024.37	15.5	30.92	-1.66	1024.86
3.0	9.36	-0.51	1007.42	9.2	30.34	-1.64	1024.39	15.6	30.93	-1.66	1024.87
3.1	9.39	-0.51	1007.44	9.4	30.35	-1.65	1024.40	15.8	30.92	-1.66	1024.86
3.2	9.49	-0.52	1007.52	9.5	30.34	-1.64	1024.39	15.9	30.94	-1.66	1024.88
3.3	10.24	-0.54	1008.13	9.6	30.37	-1.65	1024.42	16.2	30.95	-1.66	1024.89
3.4	12.39	-0.59	1009.87	9.7	30.40	-1.65	1024.44	16.3	30.95	-1.66	1024.89
3.6	11.71	-0.57	1009.32	10.0	30.42	-1.65	1024.46	16.5	30.97	-1.67	1024.90
3.7	13.53	-0.64	1010.79	10.1	30.45	-1.65	1024.48	16.6	30.96	-1.67	1024.89
3.9	14.57	-0.69	1011.63	10.2	30.46	-1.65	1024.49	16.8	30.96	-1.67	1024.89
4.1	15.76	-0.74	1012.59	10.4	30.45	-1.65	1024.48	16.9	30.98	-1.67	1024.91
4.2	17.54	-0.83	1014.02	10.5	30.46	-1.65	1024.49	17.0	30.98	-1.67	1024.91
4.4	19.55	-0.93	1015.65	10.6	30.48	-1.65	1024.50	17.3	31.00	-1.67	1024.93
4.6	21.85	-1.02	1017.51	10.7	30.49	-1.65	1024.51	17.4	31.00	-1.67	1024.93
4.7	24.43	-1.13	1019.59	10.9	30.52	-1.65	1024.54	17.5	31.00	-1.67	1024.93
4.8	26.83	-1.23	1021.54	11.1	30.55	-1.66	1024.56	17.6	31.02	-1.67	1024.94
4.9	27.26	-1.26	1021.89	11.2	30.58	-1.66	1024.59	17.9	31.03	-1.66	1024.95
5.2	27.91	-1.33	1022.41	11.3	30.56	-1.66	1024.57	18.0	31.03	-1.67	1024.95
5.3	28.25	-1.36	1022.69	11.5	30.60	-1.66	1024.60	18.2	31.04	-1.67	1024.96
5.4	28.42	-1.38	1022.83	11.6	30.60	-1.66	1024.60	18.4	31.07	-1.67	1024.98
5.5	28.58	-1.40	1022.96	11.7	30.61	-1.66	1024.61	18.5	31.06	-1.66	1024.98
5.7	28.78	-1.44	1023.12	11.8	30.61	-1.66	1024.61	18.6	31.07	-1.67	1024.98
5.8	28.98	-1.46	1023.28	12.0	30.61	-1.66	1024.61	18.7	31.07	-1.67	1024.98
5.9	29.05	-1.46	1023.34	12.1	30.62	-1.66	1024.62	18.8	31.07	-1.67	1024.98
6.0	29.08	-1.48	1023.37	12.2	30.66	-1.66	1024.65	19.0	31.09	-1.67	1025.00
6.2	29.16	-1.49	1023.43	12.4	30.68	-1.66	1024.67	19.1	31.09	-1.66	1025.00
6.3	29.23	-1.51	1023.49	12.6	30.67	-1.65	1024.66	19.2	31.10	-1.67	1025.01
6.4	29.31	-1.53	1023.55	12.7	30.69	-1.65	1024.67	19.4	31.09	-1.66	1025.00
6.5	29.36	-1.54	1023.59	12.8	30.71	-1.65	1024.69	19.6	31.11	-1.67	1025.02
6.8	29.47	-1.55	1023.68	12.9	30.73	-1.66	1024.71	19.7	31.13	-1.66	1025.03
6.9	29.53	-1.56	1023.73	13.1	30.74	-1.65	1024.72	19.9	31.13	-1.66	1025.03
7.0	29.58	-1.57	1023.77	13.2	30.73	-1.65	1024.71	20.0	31.14	-1.67	1025.04

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Table A1.24. Station 86022 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.2	31.14	-1.68	1025.04	23.3	31.29	-1.68	1025.16	26.9	31.66	-1.60	1025.46
20.3	31.17	-1.67	1025.07	23.4	31.29	-1.68	1025.16	27.0	31.68	-1.59	1025.48
20.5	31.16	-1.68	1025.06	23.5	31.29	-1.68	1025.16	27.1	31.69	-1.59	1025.49
20.6	31.16	-1.68	1025.06	23.7	31.30	-1.68	1025.17	27.2	31.71	-1.59	1025.50
20.7	31.17	-1.68	1025.07	23.9	31.32	-1.68	1025.19	27.4	31.71	-1.59	1025.50
20.8	31.18	-1.68	1025.07	24.0	31.34	-1.68	1025.20	27.5	31.72	-1.59	1025.51
21.0	31.18	-1.69	1025.07	24.2	31.35	-1.68	1025.21	27.6	31.75	-1.59	1025.53
21.1	31.19	-1.69	1025.08	24.4	31.38	-1.67	1025.24	27.7	31.74	-1.58	1025.53
21.2	31.20	-1.69	1025.09	24.5	31.40	-1.67	1025.25	27.8	31.77	-1.59	1025.55
21.3	31.18	-1.68	1025.07	24.6	31.40	-1.66	1025.25	28.0	31.78	-1.58	1025.56
21.4	31.19	-1.68	1025.08	24.8	31.42	-1.66	1025.27	28.1	31.78	-1.58	1025.56
21.6	31.20	-1.69	1025.09	25.0	31.45	-1.65	1025.29	28.2	31.80	-1.58	1025.57
21.7	31.20	-1.69	1025.09	25.1	31.48	-1.64	1025.32	28.4	31.82	-1.59	1025.59
21.8	31.21	-1.69	1025.10	25.3	31.50	-1.63	1025.33	28.5	31.83	-1.58	1025.60
21.9	31.20	-1.68	1025.09	25.5	31.52	-1.63	1025.35	28.6	31.85	-1.58	1025.62
22.1	31.22	-1.68	1025.11	25.6	31.52	-1.62	1025.35	28.7	31.85	-1.58	1025.62
22.2	31.22	-1.68	1025.11	25.8	31.54	-1.62	1025.36	28.9	31.85	-1.58	1025.62
22.3	31.23	-1.69	1025.11	25.9	31.56	-1.62	1025.38	29.0	31.87	-1.58	1025.63
22.4	31.23	-1.68	1025.11	26.0	31.58	-1.61	1025.40	29.1	31.85	-1.58	1025.62
22.7	31.25	-1.68	1025.13	26.3	31.61	-1.61	1025.42	29.2	31.81	-1.58	1025.58
22.9	31.26	-1.68	1025.14	26.5	31.64	-1.61	1025.45	29.3	31.75	-1.58	1025.53
23.2	31.28	-1.68	1025.15	26.6	31.64	-1.60	1025.45				

STATION: 86023 DATE: 18 May

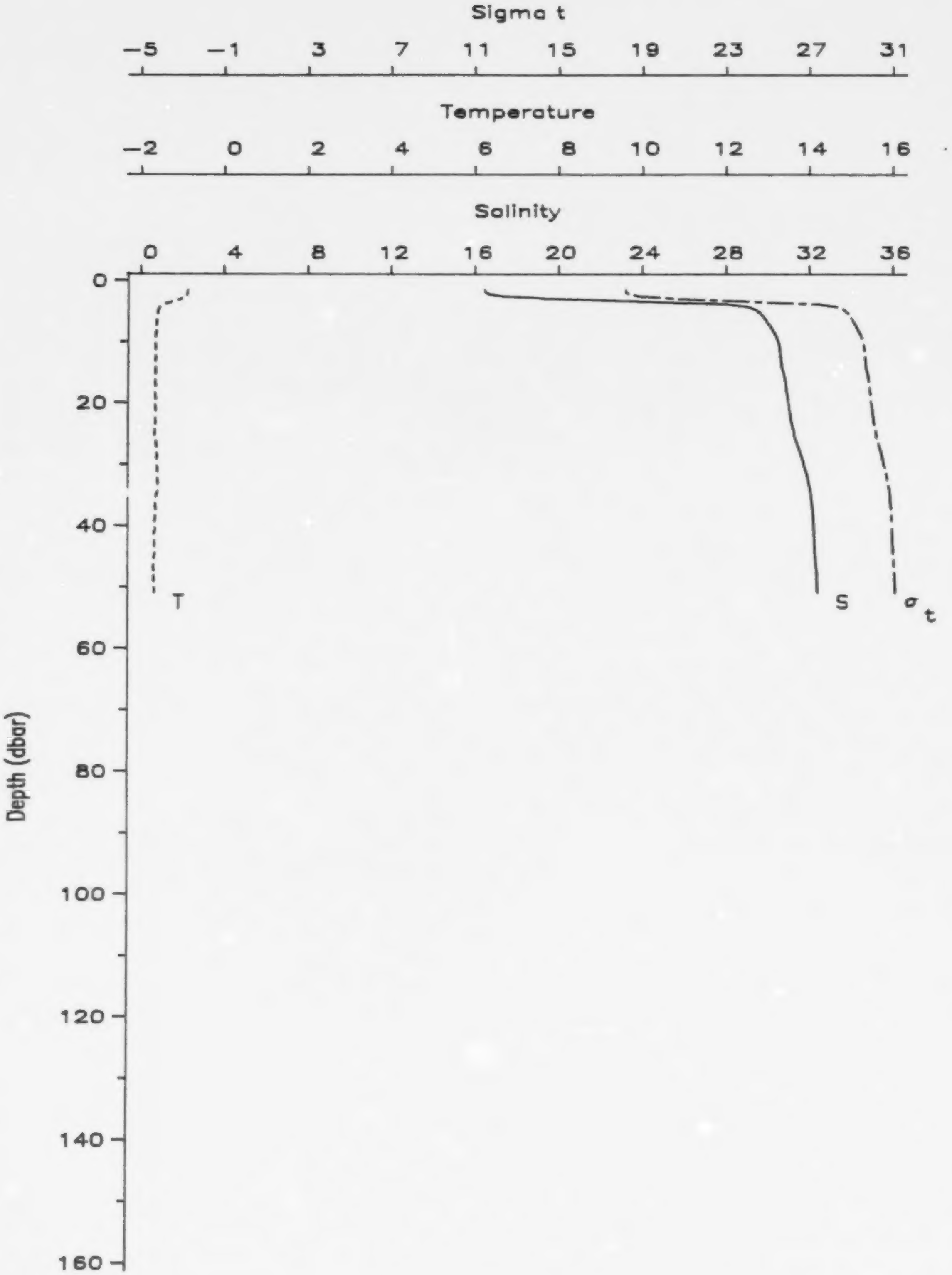

Table A1.25. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86023, May 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.5	16.48	-0.90	1013.17	8.0	30.22	-1.64	1024.29	14.5	30.68	-1.66	1024.67
1.6	16.48	-0.90	1013.17	8.1	30.22	-1.65	1024.29	14.7	30.71	-1.67	1024.69
1.7	16.47	-0.91	1013.16	8.3	30.24	-1.64	1024.31	14.8	30.72	-1.67	1024.70
1.9	16.50	-0.90	1013.18	8.4	30.28	-1.65	1024.34	14.9	30.73	-1.67	1024.71
2.0	16.59	-0.91	1013.25	8.5	30.28	-1.65	1024.34	15.0	30.74	-1.67	1024.72
2.1	16.59	-0.91	1013.25	8.6	30.32	-1.65	1024.37	15.2	30.74	-1.67	1024.72
2.2	16.67	-0.91	1013.32	8.7	30.34	-1.66	1024.39	15.3	30.75	-1.67	1024.72
2.3	16.86	-0.92	1013.47	9.0	30.37	-1.65	1024.42	15.4	30.75	-1.67	1024.72
2.6	17.37	-0.95	1013.88	9.2	30.42	-1.66	1024.46	15.5	30.78	-1.67	1024.75
2.7	18.05	-0.99	1014.43	9.4	30.42	-1.65	1024.46	15.6	30.78	-1.67	1024.75
2.8	18.88	-1.04	1015.10	9.5	30.45	-1.65	1024.48	15.8	30.79	-1.67	1024.76
3.0	19.32	-1.05	1015.46	9.6	30.45	-1.66	1024.48	15.9	30.79	-1.67	1024.76
3.1	20.42	-1.11	1016.35	9.8	30.48	-1.66	1024.50	16.0	30.80	-1.67	1024.76
3.2	21.56	-1.18	1017.27	10.0	30.50	-1.66	1024.52	16.2	30.82	-1.67	1024.78
3.3	22.19	-1.21	1017.78	10.2	30.51	-1.66	1024.53	16.3	30.82	-1.67	1024.78
3.4	23.38	-1.27	1018.74	10.4	30.52	-1.66	1024.54	16.4	30.83	-1.67	1024.79
3.6	24.77	-1.32	1019.87	10.5	30.54	-1.67	1024.55	16.5	30.82	-1.67	1024.78
3.7	25.71	-1.36	1020.63	10.6	30.54	-1.66	1024.55	16.6	30.84	-1.67	1024.80
3.8	27.03	-1.42	1021.70	10.7	30.55	-1.66	1024.56	16.8	30.84	-1.68	1024.80
3.9	27.91	-1.48	1022.42	10.9	30.56	-1.66	1024.57	16.9	30.85	-1.67	1024.81
4.1	28.42	-1.51	1022.83	11.0	30.55	-1.66	1024.56	17.0	30.84	-1.67	1024.80
4.2	28.64	-1.54	1023.01	11.1	30.56	-1.66	1024.57	17.1	30.84	-1.67	1024.80
4.3	28.86	-1.56	1023.19	11.2	30.57	-1.66	1024.58	17.3	30.84	-1.67	1024.80
4.4	29.12	-1.58	1023.40	11.3	30.57	-1.66	1024.58	17.4	30.86	-1.68	1024.81
4.6	29.21	-1.59	1023.47	11.5	30.57	-1.66	1024.58	17.5	30.86	-1.68	1024.81
4.7	29.34	-1.60	1023.58	11.6	30.58	-1.66	1024.59	17.6	30.88	-1.67	1024.83
4.8	29.42	-1.61	1023.64	11.7	30.58	-1.66	1024.59	17.7	30.86	-1.68	1024.81
5.1	29.52	-1.61	1023.72	11.8	30.58	-1.66	1024.59	17.9	30.88	-1.68	1024.83
5.2	29.55	-1.62	1023.75	12.0	30.59	-1.66	1024.59	18.0	30.89	-1.68	1024.84
5.3	29.64	-1.62	1023.82	12.1	30.58	-1.66	1024.59	18.4	30.90	-1.68	1024.85
5.5	29.65	-1.62	1023.83	12.2	30.59	-1.66	1024.59	18.6	30.92	-1.67	1024.86
5.7	29.71	-1.62	1023.88	12.4	30.60	-1.66	1024.60	18.7	30.90	-1.67	1024.85
5.8	29.75	-1.62	1023.91	12.6	30.61	-1.67	1024.61	18.8	30.93	-1.67	1024.87
5.9	29.79	-1.62	1023.94	12.7	30.60	-1.66	1024.60	19.0	30.94	-1.67	1024.88
6.0	29.81	-1.63	1023.96	12.8	30.61	-1.67	1024.61	19.1	30.95	-1.67	1024.89
6.2	29.82	-1.63	1023.97	12.9	30.62	-1.67	1024.62	19.2	30.95	-1.67	1024.89
6.3	29.86	-1.63	1024.00	13.2	30.63	-1.67	1024.63	19.5	30.96	-1.67	1024.89
6.5	29.90	-1.63	1024.03	13.3	30.64	-1.67	1024.63	19.6	30.96	-1.68	1024.89
6.8	29.95	-1.63	1024.07	13.4	30.64	-1.67	1024.63	19.7	30.96	-1.67	1024.89
6.9	29.98	-1.64	1024.10	13.6	30.63	-1.67	1024.63	19.9	30.96	-1.68	1024.89
7.0	30.00	-1.63	1024.11	13.7	30.65	-1.67	1024.64	20.1	30.98	-1.68	1024.91
7.2	30.05	-1.64	1024.16	13.8	30.65	-1.67	1024.64	20.2	30.98	-1.68	1024.91
7.4	30.10	-1.64	1024.20	13.9	30.64	-1.66	1024.63	20.3	31.00	-1.68	1024.93
7.6	30.12	-1.64	1024.21	14.1	30.65	-1.67	1024.64	20.5	31.00	-1.68	1024.93
7.8	30.15	-1.64	1024.24	14.2	30.66	-1.66	1024.65	20.7	31.00	-1.67	1024.93
7.9	30.19	-1.65	1024.27	14.3	30.68	-1.67	1024.67	20.8	31.01	-1.67	1024.94

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Table A1.25. Station 86023 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.0	31.02	-1.67	1024.94	27.5	31.49	-1.63	1025.32	33.8	32.00	-1.60	1025.74
21.1	31.03	-1.67	1024.95	27.6	31.50	-1.63	1025.33	33.9	32.02	-1.60	1025.75
21.2	31.02	-1.67	1024.94	27.7	31.51	-1.63	1025.34	34.0	32.01	-1.60	1025.75
21.3	31.04	-1.67	1024.96	27.8	31.53	-1.63	1025.36	34.1	32.03	-1.60	1025.76
21.4	31.05	-1.66	1024.97	28.0	31.55	-1.63	1025.37	34.3	32.02	-1.60	1025.75
21.6	31.06	-1.66	1024.98	28.1	31.54	-1.62	1025.36	34.4	32.03	-1.60	1025.76
21.7	31.06	-1.66	1024.98	28.4	31.57	-1.62	1025.39	34.5	32.02	-1.60	1025.75
21.8	31.06	-1.66	1024.98	28.5	31.58	-1.62	1025.40	34.6	32.05	-1.60	1025.78
21.9	31.06	-1.66	1024.98	28.6	31.59	-1.62	1025.41	34.8	32.05	-1.62	1025.78
22.1	31.06	-1.66	1024.98	28.7	31.60	-1.62	1025.41	35.0	32.06	-1.64	1025.79
22.2	31.07	-1.67	1024.98	28.9	31.62	-1.62	1025.43	35.1	32.05	-1.64	1025.78
22.4	31.08	-1.67	1024.99	29.0	31.64	-1.63	1025.45	35.3	32.06	-1.65	1025.79
22.6	31.10	-1.67	1025.01	29.1	31.63	-1.62	1025.44	35.4	32.07	-1.66	1025.80
22.7	31.07	-1.67	1024.98	29.2	31.64	-1.63	1025.45	35.5	32.07	-1.66	1025.80
22.8	31.10	-1.67	1025.01	29.3	31.67	-1.63	1025.47	35.6	32.08	-1.66	1025.80
22.9	31.10	-1.67	1025.01	29.6	31.69	-1.62	1025.49	35.7	32.06	-1.67	1025.79
23.1	31.12	-1.66	1025.02	29.7	31.70	-1.62	1025.49	35.9	32.09	-1.67	1025.81
23.2	31.12	-1.66	1025.02	30.0	31.70	-1.62	1025.49	36.0	32.08	-1.68	1025.80
23.3	31.13	-1.67	1025.03	30.1	31.70	-1.62	1025.49	36.1	32.09	-1.68	1025.81
23.4	31.14	-1.67	1025.04	30.2	31.73	-1.61	1025.52	36.2	32.09	-1.68	1025.81
23.7	31.16	-1.68	1025.06	30.3	31.74	-1.61	1025.53	36.4	32.10	-1.67	1025.82
23.8	31.16	-1.67	1025.06	30.6	31.77	-1.60	1025.55	36.5	32.10	-1.67	1025.82
23.9	31.16	-1.68	1025.06	30.7	31.77	-1.60	1025.55	36.6	32.11	-1.66	1025.83
24.0	31.16	-1.67	1025.06	30.8	31.78	-1.60	1025.56	36.7	32.09	-1.66	1025.81
24.2	31.20	-1.68	1025.09	30.9	31.80	-1.60	1025.58	36.8	32.12	-1.66	1025.84
24.3	31.21	-1.68	1025.10	31.1	31.79	-1.60	1025.57	37.0	32.12	-1.66	1025.84
24.5	31.23	-1.68	1025.11	31.2	31.82	-1.61	1025.59	37.1	32.13	-1.66	1025.84
24.6	31.25	-1.69	1025.13	31.3	31.83	-1.60	1025.60	37.2	32.14	-1.66	1025.85
24.9	31.25	-1.68	1025.13	31.4	31.84	-1.60	1025.61	37.3	32.12	-1.66	1025.84
25.0	31.25	-1.68	1025.13	31.6	31.85	-1.59	1025.62	37.5	32.14	-1.67	1025.85
25.1	31.26	-1.69	1025.14	31.7	31.86	-1.59	1025.62	37.6	32.14	-1.66	1025.85
25.4	31.27	-1.68	1025.15	31.8	31.88	-1.59	1025.64	37.7	32.14	-1.66	1025.85
25.5	31.28	-1.66	1025.15	31.9	31.88	-1.60	1025.64	37.9	32.13	-1.66	1025.84
25.6	31.28	-1.65	1025.15	32.1	31.89	-1.60	1025.65	38.0	32.14	-1.66	1025.85
25.8	31.30	-1.65	1025.17	32.2	31.89	-1.61	1025.65	38.1	32.16	-1.66	1025.87
25.9	31.32	-1.64	1025.19	32.3	31.90	-1.61	1025.66	38.2	32.16	-1.66	1025.87
26.1	31.34	-1.64	1025.20	32.4	31.91	-1.61	1025.66	38.3	32.16	-1.66	1025.87
26.3	31.35	-1.64	1025.21	32.5	31.90	-1.61	1025.66	38.5	32.16	-1.67	1025.87
26.4	31.36	-1.64	1025.22	32.7	31.92	-1.60	1025.67	38.6	32.16	-1.67	1025.87
26.5	31.38	-1.64	1025.24	32.8	31.92	-1.60	1025.67	38.7	32.16	-1.67	1025.87
26.7	31.41	-1.63	1025.26	32.9	31.95	-1.60	1025.70	38.8	32.17	-1.68	1025.88
26.9	31.42	-1.63	1025.27	33.2	31.96	-1.60	1025.71	39.0	32.17	-1.68	1025.88
27.0	31.42	-1.63	1025.27	33.3	31.97	-1.60	1025.71	39.1	32.18	-1.68	1025.89
27.1	31.45	-1.63	1025.29	33.4	31.98	-1.61	1025.72	39.2	32.15	-1.68	1025.86
27.2	31.46	-1.63	1025.30	33.5	31.98	-1.60	1025.72	39.3	32.18	-1.69	1025.89
27.4	31.47	-1.63	1025.31	33.6	31.99	-1.60	1025.73	39.4	32.18	-1.68	1025.89

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Table A1.25. Station 86023 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
39.7	32.18	-1.68	1025.89	43.6	32.22	-1.69	1025.92	47.3	32.33	-1.70	1026.01
39.8	32.18	-1.68	1025.89	43.8	32.23	-1.69	1025.93	47.5	32.32	-1.70	1026.00
39.9	32.19	-1.69	1025.89	43.9	32.23	-1.69	1025.93	47.6	32.32	-1.71	1026.00
40.1	32.19	-1.68	1025.89	44.0	32.24	-1.69	1025.93	47.7	32.33	-1.73	1026.01
40.2	32.19	-1.68	1025.89	44.1	32.24	-1.69	1025.93	47.8	32.32	-1.71	1026.00
40.3	32.19	-1.68	1025.89	44.3	32.24	-1.69	1025.93	48.0	32.32	-1.71	1026.00
40.4	32.19	-1.68	1025.89	44.4	32.23	-1.68	1025.93	48.1	32.34	-1.70	1026.02
40.6	32.19	-1.68	1025.89	44.5	32.25	-1.68	1025.94	48.2	32.33	-1.70	1026.01
40.7	32.19	-1.68	1025.89	44.6	32.26	-1.68	1025.95	48.3	32.32	-1.69	1026.00
40.9	32.21	-1.68	1025.91	44.7	32.25	-1.69	1025.94	48.6	32.32	-1.69	1026.00
41.1	32.20	-1.69	1025.90	44.9	32.25	-1.69	1025.94	48.7	32.33	-1.69	1026.01
41.2	32.20	-1.70	1025.90	45.0	32.26	-1.69	1025.95	48.8	32.35	-1.70	1026.02
41.3	32.20	-1.70	1025.90	45.1	32.27	-1.70	1025.96	48.9	32.35	-1.69	1026.02
41.5	32.20	-1.70	1025.90	45.2	32.27	-1.69	1025.96	49.2	32.35	-1.69	1026.02
41.7	32.21	-1.70	1025.91	45.4	32.27	-1.70	1025.96	49.3	32.35	-1.69	1026.02
41.8	32.21	-1.70	1025.91	45.5	32.27	-1.70	1025.96	49.6	32.35	-1.69	1026.02
41.9	32.22	-1.70	1025.92	45.6	32.28	-1.71	1025.97	49.7	32.35	-1.69	1026.02
42.2	32.21	-1.69	1025.91	45.7	32.28	-1.70	1025.97	49.8	32.35	-1.69	1026.02
42.3	32.21	-1.69	1025.91	46.0	32.27	-1.70	1025.96	49.9	32.35	-1.69	1026.02
42.4	32.21	-1.69	1025.91	46.1	32.29	-1.70	1025.98	50.2	32.35	-1.69	1026.02
42.5	32.21	-1.69	1025.91	46.2	32.29	-1.70	1025.98	50.3	32.36	-1.69	1026.03
42.8	32.22	-1.68	1025.92	46.5	32.29	-1.71	1025.98	50.4	32.36	-1.69	1026.03
42.9	32.21	-1.68	1025.91	46.6	32.29	-1.71	1025.98	50.5	32.36	-1.69	1026.03
43.0	32.22	-1.68	1025.92	46.7	32.30	-1.71	1025.98	50.7	32.36	-1.68	1026.03
43.1	32.22	-1.68	1025.92	46.9	32.30	-1.71	1025.98	50.8	32.37	-1.69	1026.04
43.3	32.23	-1.69	1025.93	47.0	32.30	-1.71	1025.98	50.9	32.36	-1.69	1026.03
43.4	32.23	-1.69	1025.93	47.1	32.31	-1.70	1025.99				
43.5	32.23	-1.69	1025.93	47.2	32.32	-1.70	1026.00				

Table A1.26. Salinity, temperature (C) and density (kg.m**-3) data by depth (m) for station 86030, May 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
5.0	0.36										

Table A1.27. Salinity, temperature (C) and density (kg.m**-3) data by depth (m) for station 86031, May 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
4.8	0.23										

STATION: 86024 DATE: 20 May

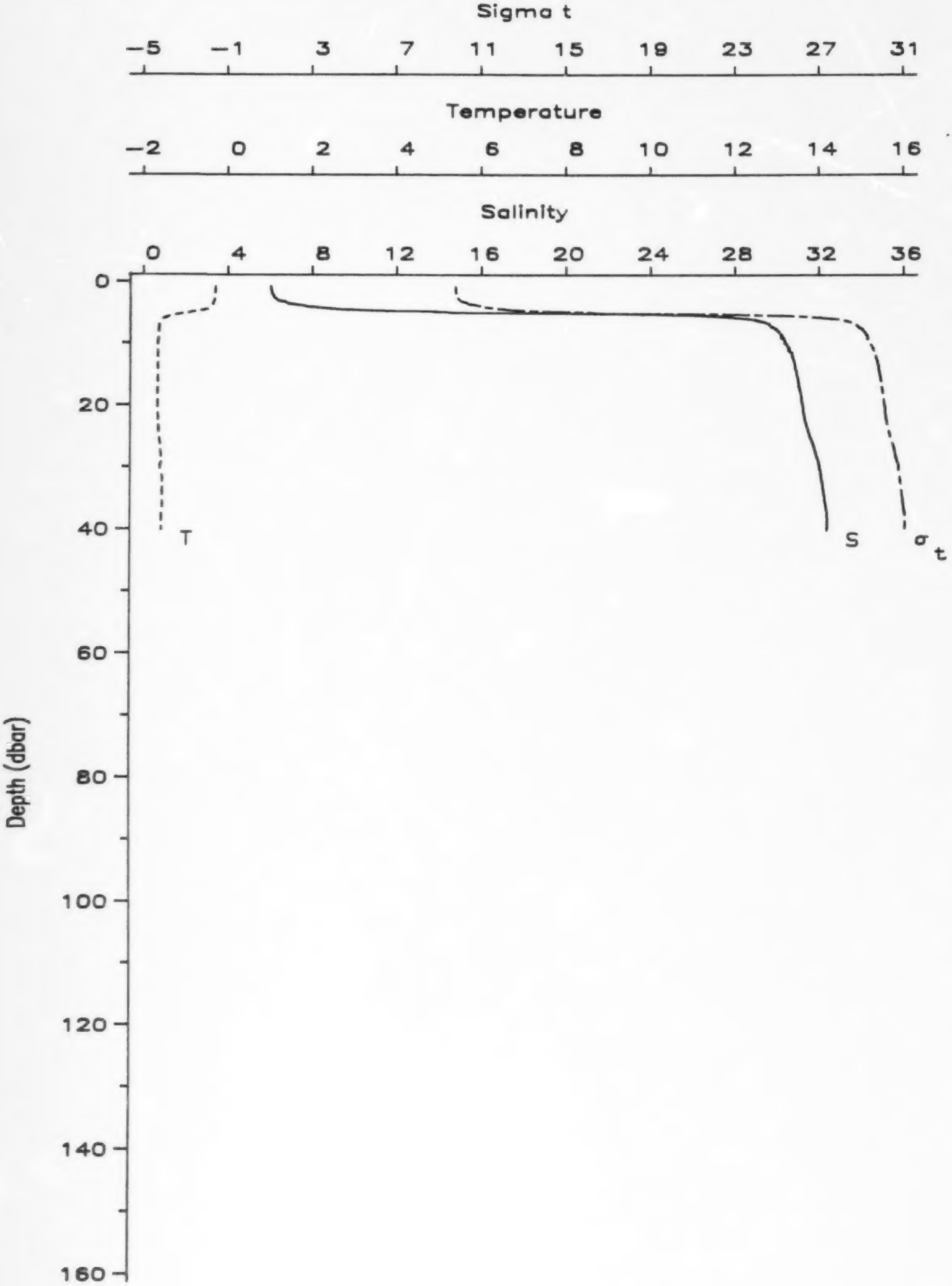

Table A1.28. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86024, May 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.8	6.03	-0.31	1004.73	7.4	29.83	-1.62	1023.98	14.4	30.91	-1.65	1024.85
1.0	6.03	-0.31	1004.73	7.5	29.83	-1.62	1023.98	14.5	30.91	-1.65	1024.85
1.1	6.04	-0.31	1004.74	7.6	29.95	-1.63	1024.07	14.7	30.91	-1.65	1024.85
1.2	6.04	-0.31	1004.74	7.8	29.97	-1.63	1024.09	14.8	30.92	-1.65	1024.86
1.4	6.04	-0.32	1004.74	7.9	30.01	-1.63	1024.12	14.9	30.92	-1.65	1024.86
1.5	6.06	-0.32	1004.76	8.1	30.09	-1.63	1024.19	15.0	30.93	-1.65	1024.87
1.6	6.06	-0.31	1004.76	8.4	30.13	-1.64	1024.22	15.2	30.94	-1.65	1024.88
1.7	6.07	-0.32	1004.76	8.5	30.20	-1.64	1024.28	15.3	30.94	-1.65	1024.88
1.9	6.07	-0.31	1004.76	8.6	30.19	-1.64	1024.27	15.4	30.96	-1.65	1024.89
2.0	6.10	-0.31	1004.79	8.7	30.24	-1.64	1024.31	15.5	30.98	-1.65	1024.91
2.1	6.11	-0.32	1004.80	8.9	30.27	-1.64	1024.33	15.6	30.97	-1.65	1024.90
2.3	6.16	-0.32	1004.84	9.0	30.27	-1.64	1024.33	15.8	30.98	-1.65	1024.91
2.5	6.17	-0.32	1004.85	9.1	30.18	-1.64	1024.26	15.9	30.99	-1.65	1024.92
2.6	6.20	-0.32	1004.87	9.2	30.33	-1.64	1024.38	16.2	31.00	-1.65	1024.93
2.8	6.27	-0.33	1004.93	9.4	30.35	-1.64	1024.40	16.3	31.02	-1.65	1024.94
3.1	6.37	-0.34	1005.01	9.5	30.34	-1.64	1024.39	16.4	31.02	-1.66	1024.94
3.2	6.49	-0.35	1005.10	9.7	30.37	-1.65	1024.42	16.5	31.01	-1.66	1024.93
3.3	6.69	-0.37	1005.26	10.0	30.38	-1.65	1024.42	16.6	31.02	-1.66	1024.94
3.6	6.84	-0.37	1005.39	10.1	30.45	-1.65	1024.48	16.8	31.02	-1.65	1024.94
3.7	7.19	-0.40	1005.67	10.4	30.49	-1.64	1024.51	16.9	31.02	-1.65	1024.94
3.9	7.58	-0.41	1005.98	10.6	30.51	-1.64	1024.53	17.0	31.02	-1.65	1024.94
4.1	7.79	-0.43	1006.15	10.7	30.57	-1.65	1024.58	17.1	31.05	-1.65	1024.97
4.2	8.19	-0.45	1006.48	10.9	30.55	-1.65	1024.56	17.3	31.04	-1.66	1024.96
4.3	8.48	-0.47	1006.71	11.0	30.58	-1.65	1024.59	17.4	31.05	-1.66	1024.97
4.4	8.84	-0.49	1007.00	11.1	30.51	-1.65	1024.53	17.5	31.07	-1.65	1024.98
4.6	9.53	-0.56	1007.55	11.2	30.55	-1.65	1024.56	17.6	31.08	-1.66	1024.99
4.8	11.47	-0.70	1009.12	11.5	30.70	-1.65	1024.68	17.7	31.07	-1.65	1024.98
4.9	13.82	-0.86	1011.01	11.7	30.70	-1.64	1024.68	18.0	31.10	-1.66	1025.01
5.1	14.65	-0.94	1011.68	11.8	30.72	-1.64	1024.70	18.1	31.11	-1.66	1025.02
5.2	21.03	-1.09	1016.84	12.0	30.69	-1.64	1024.67	18.2	31.11	-1.66	1025.02
5.3	23.63	-1.20	1018.95	12.1	30.70	-1.64	1024.68	18.5	31.12	-1.66	1025.02
5.5	26.29	-1.34	1021.10	12.2	30.75	-1.64	1024.72	18.7	31.12	-1.66	1025.02
5.7	27.40	-1.43	1022.00	12.3	30.75	-1.65	1024.72	18.8	31.14	-1.66	1025.04
5.8	27.73	-1.46	1022.27	12.4	30.72	-1.64	1024.70	19.1	31.14	-1.66	1025.04
5.9	28.06	-1.50	1022.54	12.7	30.80	-1.65	1024.76	19.4	31.15	-1.66	1025.05
6.0	28.55	-1.55	1022.94	12.9	30.80	-1.65	1024.76	19.5	31.17	-1.66	1025.06
6.2	28.93	-1.57	1023.24	13.1	30.79	-1.65	1024.76	19.6	31.17	-1.66	1025.06
6.3	29.08	-1.58	1023.37	13.3	30.83	-1.65	1024.79	19.9	31.19	-1.66	1025.08
6.4	29.17	-1.59	1023.44	13.4	30.84	-1.65	1024.80	20.0	31.19	-1.66	1025.08
6.5	29.33	-1.60	1023.57	13.6	30.84	-1.65	1024.80	20.2	31.21	-1.66	1025.10
6.6	29.45	-1.60	1023.67	13.7	30.85	-1.65	1024.80	20.3	31.20	-1.66	1025.09
6.8	29.60	-1.61	1023.79	13.8	30.84	-1.65	1024.80	20.6	31.22	-1.66	1025.11
6.9	29.59	-1.61	1023.78	13.9	30.85	-1.65	1024.80	20.7	31.21	-1.66	1025.10
7.0	29.63	-1.62	1023.81	14.1	30.84	-1.65	1024.80	21.0	31.21	-1.65	1025.10
7.2	29.71	-1.62	1023.88	14.2	30.87	-1.65	1024.82	21.1	31.23	-1.65	1025.11
7.3	29.72	-1.62	1023.89	14.3	30.8[illegible]	-1.65	1024.84	21.3	31.25	-1.65	1025.13

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Table A1.28. Station 86024 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.4	31.26	-1.65	1025.14	27.6	31.80	-1.57	1025.57	34.4	32.18	-1.53	1025.88
21.6	31.27	-1.65	1025.15	27.7	31.81	-1.57	1025.58	34.5	32.19	-1.53	1025.89
21.7	31.27	-1.65	1025.15	27.8	31.81	-1.56	1025.58	34.6	32.20	-1.53	1025.90
21.8	31.27	-1.65	1025.15	28.0	31.82	-1.56	1025.59	34.8	32.21	-1.54	1025.91
21.9	31.28	-1.65	1025.15	28.1	31.83	-1.56	1025.60	34.9	32.21	-1.54	1025.91
22.1	31.28	-1.65	1025.15	28.2	31.84	-1.56	1025.61	35.1	32.21	-1.54	1025.91
22.2	31.29	-1.65	1025.16	28.4	31.85	-1.55	1025.61	35.3	32.21	-1.54	1025.91
22.3	31.29	-1.65	1025.16	28.5	31.88	-1.55	1025.64	35.4	32.21	-1.53	1025.91
22.4	31.31	-1.65	1025.18	28.7	31.89	-1.55	1025.65	35.5	32.21	-1.53	1025.91
22.7	31.31	-1.64	1025.18	28.9	31.91	-1.54	1025.66	35.6	32.23	-1.54	1025.92
22.8	31.33	-1.65	1025.19	29.1	31.93	-1.55	1025.68	35.7	32.24	-1.54	1025.93
22.9	31.35	-1.64	1025.21	29.2	31.95	-1.56	1025.70	35.9	32.25	-1.54	1025.94
23.1	31.35	-1.64	1025.21	29.3	31.95	-1.57	1025.70	36.0	32.25	-1.54	1025.94
23.2	31.36	-1.64	1025.22	29.5	31.96	-1.58	1025.70	36.2	32.26	-1.54	1025.95
23.3	31.38	-1.64	1025.24	29.6	31.96	-1.59	1025.71	36.4	32.27	-1.54	1025.96
23.5	31.39	-1.63	1025.24	29.7	31.96	-1.59	1025.71	36.5	32.27	-1.55	1025.96
23.7	31.42	-1.63	1025.27	29.8	31.98	-1.60	1025.72	36.6	32.27	-1.55	1025.96
23.9	31.43	-1.63	1025.28	30.0	31.99	-1.60	1025.73	36.7	32.29	-1.55	1025.97
24.0	31.44	-1.63	1025.28	30.1	31.99	-1.60	1025.73	36.8	32.29	-1.55	1025.97
24.2	31.45	-1.63	1025.29	30.2	31.97	-1.59	1025.71	37.0	32.31	-1.55	1025.99
24.3	31.48	-1.63	1025.32	30.3	32.00	-1.57	1025.74	37.1	32.31	-1.55	1025.99
24.5	31.49	-1.62	1025.32	30.6	32.02	-1.56	1025.75	37.2	32.31	-1.55	1025.99
24.6	31.50	-1.62	1025.33	30.7	32.03	-1.57	1025.76	37.3	32.32	-1.56	1026.00
24.8	31.49	-1.62	1025.32	30.9	32.03	-1.57	1025.76	37.5	32.32	-1.56	1026.00
24.9	31.51	-1.62	1025.34	31.1	32.03	-1.55	1025.76	37.6	32.32	-1.56	1026.00
25.0	31.54	-1.61	1025.36	31.2	32.04	-1.54	1025.77	37.7	32.32	-1.56	1026.00
25.1	31.55	-1.61	1025.37	31.3	32.05	-1.54	1025.78	37.9	32.32	-1.56	1026.00
25.3	31.57	-1.60	1025.39	31.6	32.05	-1.53	1025.78	38.0	32.31	-1.56	1025.99
25.4	31.58	-1.60	1025.40	31.7	32.05	-1.53	1025.78	38.1	32.32	-1.56	1026.00
25.5	31.61	-1.60	1025.42	31.8	32.07	-1.53	1025.79	38.3	32.33	-1.56	1026.00
25.6	31.61	-1.60	1025.42	31.9	32.08	-1.53	1025.80	38.5	32.34	-1.56	1026.01
25.8	31.62	-1.59	1025.43	32.1	32.08	-1.53	1025.80	38.6	32.32	-1.56	1026.00
25.9	31.64	-1.59	1025.45	32.2	32.08	-1.53	1025.80	38.7	32.33	-1.56	1026.00
26.0	31.64	-1.59	1025.45	32.3	32.09	-1.53	1025.81	38.8	32.33	-1.56	1026.00
26.1	31.67	-1.58	1025.47	32.4	32.11	-1.53	1025.83	39.0	32.33	-1.56	1026.00
26.3	31.68	-1.58	1025.48	32.7	32.11	-1.53	1025.83	39.1	32.33	-1.56	1026.00
26.4	31.70	-1.58	1025.49	32.9	32.13	-1.54	1025.84	39.2	32.33	-1.56	1026.00
26.5	31.70	-1.58	1025.49	33.0	32.12	-1.53	1025.83	39.3	32.33	-1.56	1026.00
26.6	31.71	-1.58	1025.50	33.3	32.13	-1.53	1025.84	39.4	32.33	-1.56	1026.00
26.7	31.74	-1.58	1025.53	33.4	32.14	-1.54	1025.85	39.6	32.33	-1.56	1026.00
26.9	31.74	-1.57	1025.53	33.5	32.14	-1.54	1025.85	39.7	32.33	-1.56	1026.00
27.0	31.74	-1.57	1025.53	33.6	32.14	-1.54	1025.85	39.8	32.33	-1.56	1026.00
27.1	31.76	-1.58	1025.54	33.8	32.16	-1.54	1025.87	39.9	32.32	-1.56	1026.00
27.2	31.77	-1.57	1025.55	34.1	32.17	-1.53	1025.87	40.1	32.32	-1.56	1026.00
27.4	31.79	-1.57	1025.57	34.3	32.18	-1.53	1025.88				

STATION: 86025 DATE: 20 May

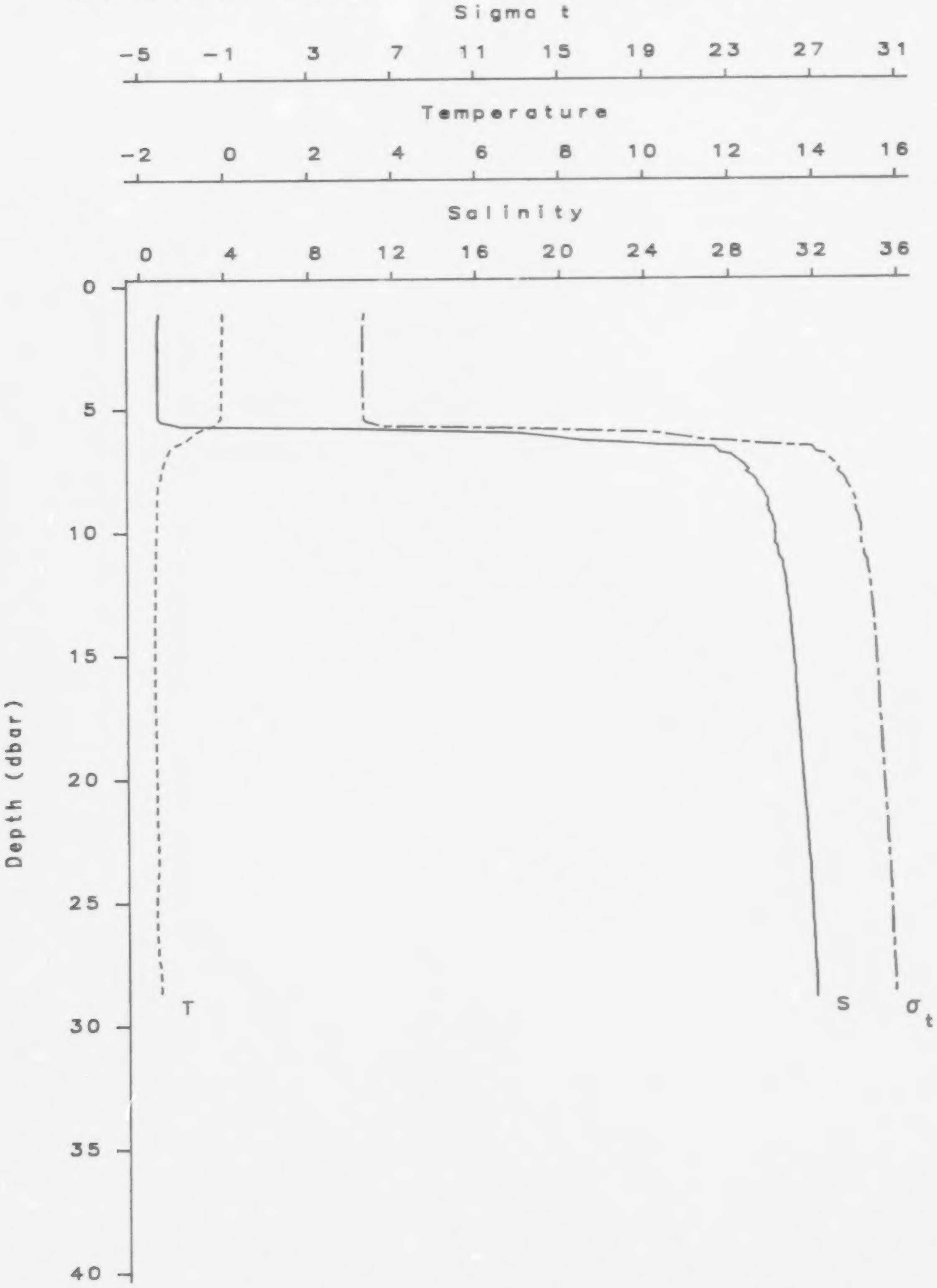

Table A1.29. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86025, May 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.1	0.95	-0.04	1000.62	7.6	28.75	-1.50	1023.10	13.9	30.87	-1.66	1024.82
1.2	0.95	-0.04	1000.62	7.8	29.09	-1.51	1023.37	14.1	30.88	-1.66	1024.83
1.4	0.88	-0.04	1000.56	7.9	29.20	-1.54	1023.46	14.2	30.88	-1.66	1024.83
1.5	0.88	-0.04	1000.56	8.0	29.28	-1.56	1023.53	14.3	30.90	-1.66	1024.85
1.7	0.86	-0.04	1000.54	8.1	29.30	-1.58	1023.55	14.5	30.94	-1.66	1024.88
1.9	0.85	-0.04	1000.54	8.4	29.59	-1.59	1023.78	14.7	30.95	-1.66	1024.89
2.1	0.86	-0.04	1000.54	8.6	29.69	-1.59	1023.86	14.8	30.97	-1.66	1024.90
2.2	0.86	-0.05	1000.54	8.7	29.79	-1.59	1023.94	14.9	30.98	-1.66	1024.91
2.3	0.87	-0.05	1000.55	8.9	29.78	-1.60	1023.94	15.0	30.98	-1.66	1024.91
2.5	0.87	-0.06	1000.55	9.0	29.74	-1.60	1023.90	15.2	30.98	-1.66	1024.91
2.6	0.86	-0.06	1000.54	9.1	29.85	-1.60	1023.99	15.3	31.01	-1.66	1024.93
2.7	0.86	-0.06	1000.54	9.2	29.80	-1.60	1023.95	15.4	31.01	-1.66	1024.93
2.8	0.86	-0.06	1000.54	9.4	29.97	-1.60	1024.09	15.5	31.05	-1.66	1024.97
3.0	0.87	-0.06	1000.55	9.5	30.02	-1.60	1024.13	15.8	31.06	-1.66	1024.98
3.1	0.87	-0.06	1000.55	9.6	30.00	-1.60	1024.11	16.0	31.07	-1.66	1024.98
3.2	0.87	-0.06	1000.55	9.7	30.07	-1.60	1024.17	16.2	31.07	-1.66	1024.98
3.3	0.87	-0.06	1000.55	9.8	30.12	-1.60	1024.21	16.4	31.10	-1.66	1025.01
3.4	0.87	-0.06	1000.55	10.0	30.08	-1.61	1024.18	16.5	31.11	-1.66	1025.02
3.6	0.87	-0.06	1000.55	10.1	30.12	-1.61	1024.21	16.6	31.12	-1.66	1025.02
3.7	0.87	-0.06	1000.55	10.2	30.11	-1.62	1024.20	16.8	31.11	-1.66	1025.02
3.8	0.87	-0.06	1000.55	10.4	30.10	-1.62	1024.20	17.0	31.12	-1.66	1025.02
3.9	0.87	-0.06	1000.55	10.5	30.07	-1.63	1024.17	17.1	31.14	-1.65	1025.04
4.1	0.87	-0.06	1000.55	10.6	30.20	-1.63	1024.28	17.3	31.15	-1.65	1025.05
4.3	0.88	-0.06	1000.56	10.7	30.25	-1.63	1024.32	17.4	31.17	-1.65	1025.06
4.6	0.88	-0.07	1000.56	11.0	30.29	-1.63	1024.35	17.5	31.15	-1.65	1025.05
4.7	0.88	-0.07	1000.56	11.1	30.34	-1.64	1024.39	17.6	31.19	-1.65	1025.08
4.8	0.89	-0.07	1000.57	11.2	30.44	-1.64	1024.47	17.7	31.21	-1.65	1025.10
4.9	0.90	-0.07	1000.58	11.3	30.49	-1.64	1024.51	18.0	31.21	-1.64	1025.10
5.1	0.89	-0.07	1000.57	11.5	30.47	-1.64	1024.50	18.1	31.23	-1.64	1025.11
5.2	0.91	-0.08	1000.58	11.7	30.55	-1.65	1024.56	18.2	31.25	-1.64	1025.13
5.4	0.92	-0.09	1000.59	11.8	30.58	-1.64	1024.59	18.4	31.25	-1.64	1025.13
5.5	1.04	-0.14	1000.69	12.0	30.62	-1.64	1024.62	18.5	31.27	-1.64	1025.15
5.7	1.97	-0.28	1001.44	12.1	30.62	-1.65	1024.62	18.6	31.29	-1.64	1025.16
5.8	9.81	-0.50	1007.78	12.2	30.64	-1.65	1024.63	18.8	31.30	-1.64	1025.17
6.0	18.00	-0.72	1014.40	12.3	30.66	-1.65	1024.65	19.0	31.32	-1.63	1025.19
6.3	20.90	-0.91	1016.74	12.4	30.66	-1.65	1024.65	19.4	31.35	-1.63	1025.21
6.4	23.04	-1.07	1018.47	12.6	30.68	-1.65	1024.67	19.6	31.38	-1.63	1025.23
6.5	24.46	-1.18	1019.62	12.7	30.71	-1.65	1024.69	19.9	31.38	-1.62	1025.23
6.6	27.29	-1.28	1021.91	12.9	30.74	-1.65	1024.72	20.0	31.40	-1.62	1025.25
6.8	27.50	-1.33	1022.08	13.1	30.75	-1.66	1024.72	20.1	31.39	-1.62	1025.24
6.9	28.04	-1.37	1022.52	13.2	30.79	-1.66	1024.76	20.2	31.42	-1.61	1025.27
7.0	28.18	-1.40	1022.63	13.3	30.80	-1.66	1024.76	20.3	31.43	-1.61	1025.28
7.2	28.50	-1.43	1022.89	13.4	30.83	-1.66	1024.79	20.5	31.44	-1.61	1025.28
7.3	28.67	-1.45	1023.03	13.6	30.82	-1.66	1024.78	20.6	31.46	-1.62	1025.30
7.4	28.75	-1.46	1023.10	13.7	30.84	-1.65	1024.80	20.7	31.47	-1.62	1025.31
7.5	28.88	-1.47	1023.20	13.8	30.85	-1.66	1024.80	21.0	31.49	-1.63	1025.32

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Table A1.29. Station 86025 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.1	31.50	-1.62	1025.33	23.7	31.73	-1.60	1025.52	26.5	31.88	-1.61	1025.64
21.3	31.52	-1.63	1025.35	23.9	31.74	-1.61	1025.53	26.6	31.90	-1.61	1025.66
21.4	31.54	-1.62	1025.36	24.2	31.74	-1.61	1025.53	26.7	31.91	-1.61	1025.66
21.6	31.54	-1.62	1025.36	24.3	31.77	-1.62	1025.55	26.9	31.90	-1.60	1025.66
21.7	31.57	-1.62	1025.39	24.4	31.78	-1.62	1025.56	27.0	31.91	-1.60	1025.66
21.8	31.57	-1.61	1025.39	24.6	31.80	-1.63	1025.58	27.1	31.92	-1.60	1025.67
21.9	31.57	-1.60	1025.39	24.8	31.79	-1.64	1025.57	27.4	31.93	-1.58	1025.68
22.1	31.58	-1.59	1025.40	24.9	31.80	-1.64	1025.58	27.5	31.95	-1.56	1025.70
22.2	31.58	-1.59	1025.40	25.1	31.82	-1.64	1025.59	27.6	31.97	-1.55	1025.71
22.3	31.60	-1.59	1025.41	25.3	31.83	-1.64	1025.60	27.7	31.98	-1.54	1025.72
22.6	31.62	-1.58	1025.43	25.5	31.84	-1.65	1025.61	27.8	31.98	-1.54	1025.72
22.7	31.64	-1.58	1025.45	25.6	31.84	-1.65	1025.61	28.0	32.00	-1.54	1025.74
22.8	31.64	-1.58	1025.45	25.8	31.84	-1.64	1025.61	28.1	31.98	-1.53	1025.72
22.9	31.64	-1.58	1025.45	25.9	31.86	-1.64	1025.62	28.4	32.00	-1.54	1025.74
23.1	31.66	-1.58	1025.46	26.0	31.84	-1.63	1025.61	28.5	32.00	-1.53	1025.74
23.2	31.67	-1.58	1025.47	26.1	31.87	-1.63	1025.63	28.6	32.00	-1.54	1025.74
23.4	31.70	-1.58	1025.49	26.3	31.87	-1.63	1025.63	28.9	31.99	-1.54	1025.73
23.5	31.72	-1.60	1025.51	26.4	31.87	-1.62	1025.63				

STATION: 86026 DATE: 20 May

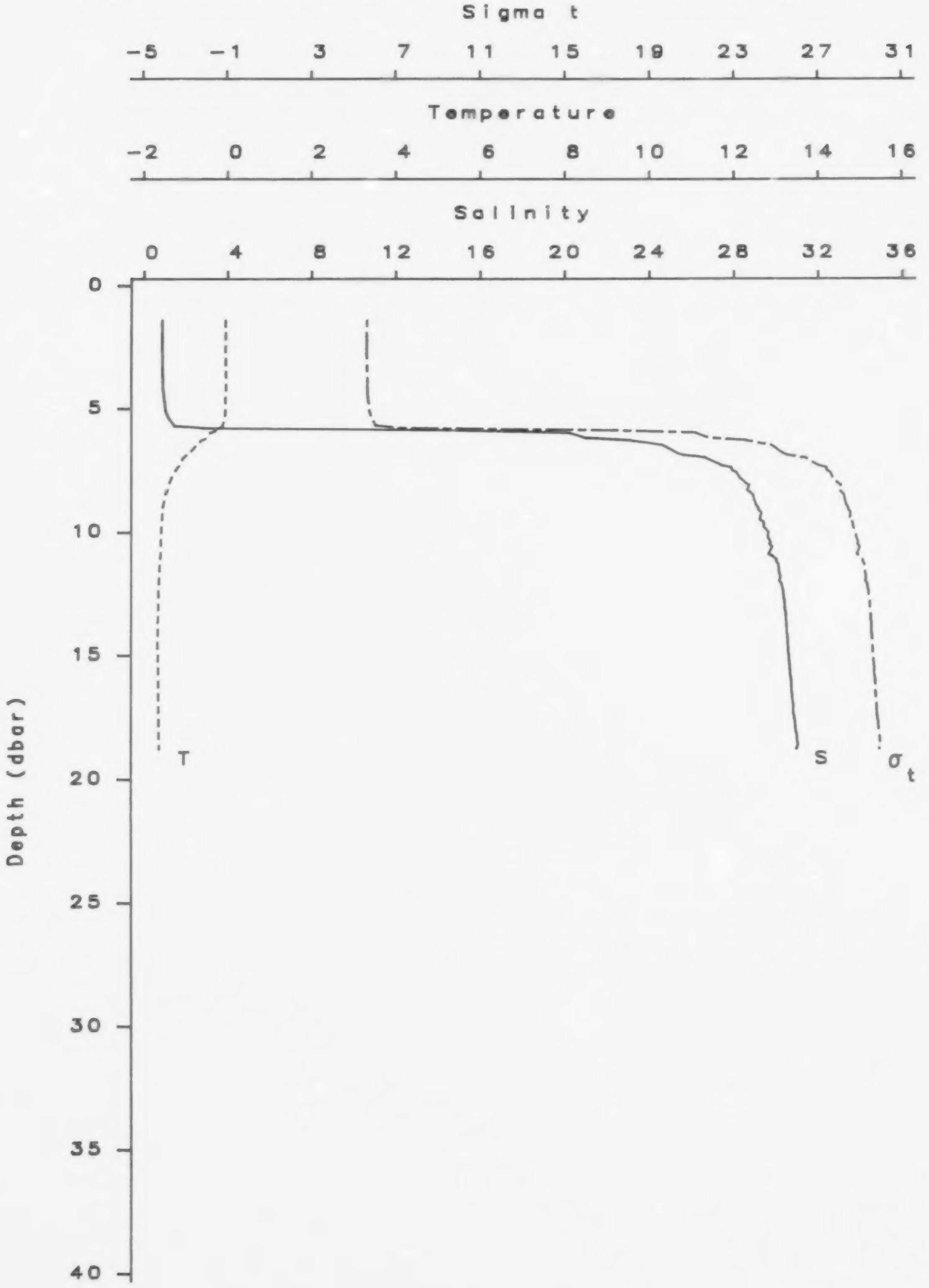

Table A1.30. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86026, May 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	0.90	-0.07	1000.58	7.4	27.85	-1.21	1022.36	13.1	30.38	-1.67	1024.42
1.5	0.89	-0.07	1000.57	7.5	27.87	-1.25	1022.38	13.2	30.40	-1.67	1024.44
1.6	0.89	-0.07	1000.57	7.6	28.08	-1.31	1022.55	13.3	30.43	-1.67	1024.46
1.9	0.89	-0.06	1000.57	7.8	28.23	-1.35	1022.67	13.4	30.44	-1.67	1024.47
2.0	0.90	-0.06	1000.58	8.0	28.50	-1.40	1022.89	13.6	30.43	-1.67	1024.46
2.1	0.90	-0.06	1000.58	8.1	28.68	-1.43	1023.04	13.7	30.46	-1.68	1024.49
2.2	0.91	-0.06	1000.58	8.3	28.58	-1.44	1022.96	13.9	30.48	-1.67	1024.50
2.3	0.90	-0.06	1000.58	8.4	28.74	-1.48	1023.09	14.1	30.48	-1.68	1024.50
2.5	0.90	-0.07	1000.58	8.5	28.87	-1.51	1023.20	14.2	30.51	-1.68	1024.53
2.6	0.91	-0.06	1000.58	8.7	28.93	-1.52	1023.24	14.3	30.49	-1.68	1024.51
2.7	0.92	-0.06	1000.59	8.9	29.01	-1.54	1023.31	14.4	30.53	-1.68	1024.55
2.8	0.92	-0.07	1000.59	9.0	29.11	-1.56	1023.39	14.5	30.52	-1.68	1024.54
3.1	0.92	-0.06	1000.59	9.1	29.13	-1.56	1023.41	14.7	30.55	-1.68	1024.56
3.3	0.92	-0.06	1000.59	9.2	29.25	-1.57	1023.50	14.8	30.55	-1.68	1024.56
3.4	0.92	-0.06	1000.59	9.5	29.18	-1.58	1023.45	14.9	30.55	-1.67	1024.56
3.6	0.93	-0.06	1000.60	9.6	29.37	-1.58	1023.60	15.0	30.58	-1.67	1024.59
3.8	0.94	-0.06	1000.61	9.7	29.39	-1.59	1023.62	15.2	30.59	-1.67	1024.59
3.9	0.94	-0.06	1000.61	9.8	29.39	-1.59	1023.62	15.4	30.62	-1.68	1024.62
4.1	0.94	-0.06	1000.61	10.0	29.59	-1.60	1023.78	15.5	30.63	-1.67	1024.63
4.2	0.95	-0.06	1000.62	10.2	29.56	-1.60	1023.76	15.8	30.65	-1.67	1024.64
4.3	0.96	-0.06	1000.63	10.4	29.69	-1.60	1023.86	15.9	30.67	-1.66	1024.66
4.4	0.98	-0.07	1000.64	10.5	29.64	-1.60	1023.82	16.0	30.69	-1.66	1024.68
4.6	1.00	-0.07	1000.66	10.6	29.77	-1.60	1023.93	16.2	30.70	-1.66	1024.68
4.7	1.01	-0.07	1000.67	10.9	29.59	-1.61	1023.78	16.5	30.71	-1.67	1024.69
4.8	1.04	-0.07	1000.69	11.0	29.80	-1.61	1023.95	16.6	30.73	-1.66	1024.71
5.1	1.08	-0.07	1000.72	11.1	29.96	-1.62	1024.08	16.9	30.76	-1.66	1024.73
5.2	1.11	-0.07	1000.75	11.2	29.95	-1.63	1024.07	17.0	30.78	-1.66	1024.75
5.4	1.21	-0.09	1000.83	11.3	30.06	-1.63	1024.16	17.3	30.79	-1.66	1024.76
5.7	1.48	-0.14	1001.04	11.5	30.09	-1.64	1024.19	17.4	30.80	-1.65	1024.76
5.8	2.86	-0.20	1002.17	11.6	30.09	-1.64	1024.19	17.5	30.83	-1.65	1024.79
5.9	15.45	-0.32	1012.34	11.7	30.12	-1.64	1024.21	17.6	30.84	-1.65	1024.80
6.0	20.19	-0.44	1016.17	11.8	30.17	-1.64	1024.25	17.7	30.87	-1.65	1024.82
6.2	20.92	-0.51	1016.76	12.0	30.10	-1.65	1024.20	17.9	30.89	-1.65	1024.84
6.3	23.09	-0.65	1018.51	12.1	30.21	-1.65	1024.29	18.1	30.92	-1.65	1024.86
6.5	24.62	-0.77	1019.75	12.3	30.26	-1.66	1024.33	18.2	30.95	-1.65	1024.89
6.6	24.83	-0.82	1019.92	12.4	30.30	-1.66	1024.36	18.4	30.96	-1.64	1024.89
6.8	25.24	-0.93	1020.25	12.6	30.33	-1.65	1024.38	18.5	30.98	-1.64	1024.91
6.9	25.55	-1.01	1020.50	12.7	30.32	-1.66	1024.37	18.6	31.00	-1.63	1024.93
7.0	26.60	-1.08	1021.35	12.8	30.37	-1.66	1024.42	18.7	30.95	-1.64	1024.89
7.3	27.33	-1.16	1021.94	12.9	30.38	-1.66	1024.42	18.8	30.91	-1.64	1024.85

STATION: 86027 DATE: 20 May

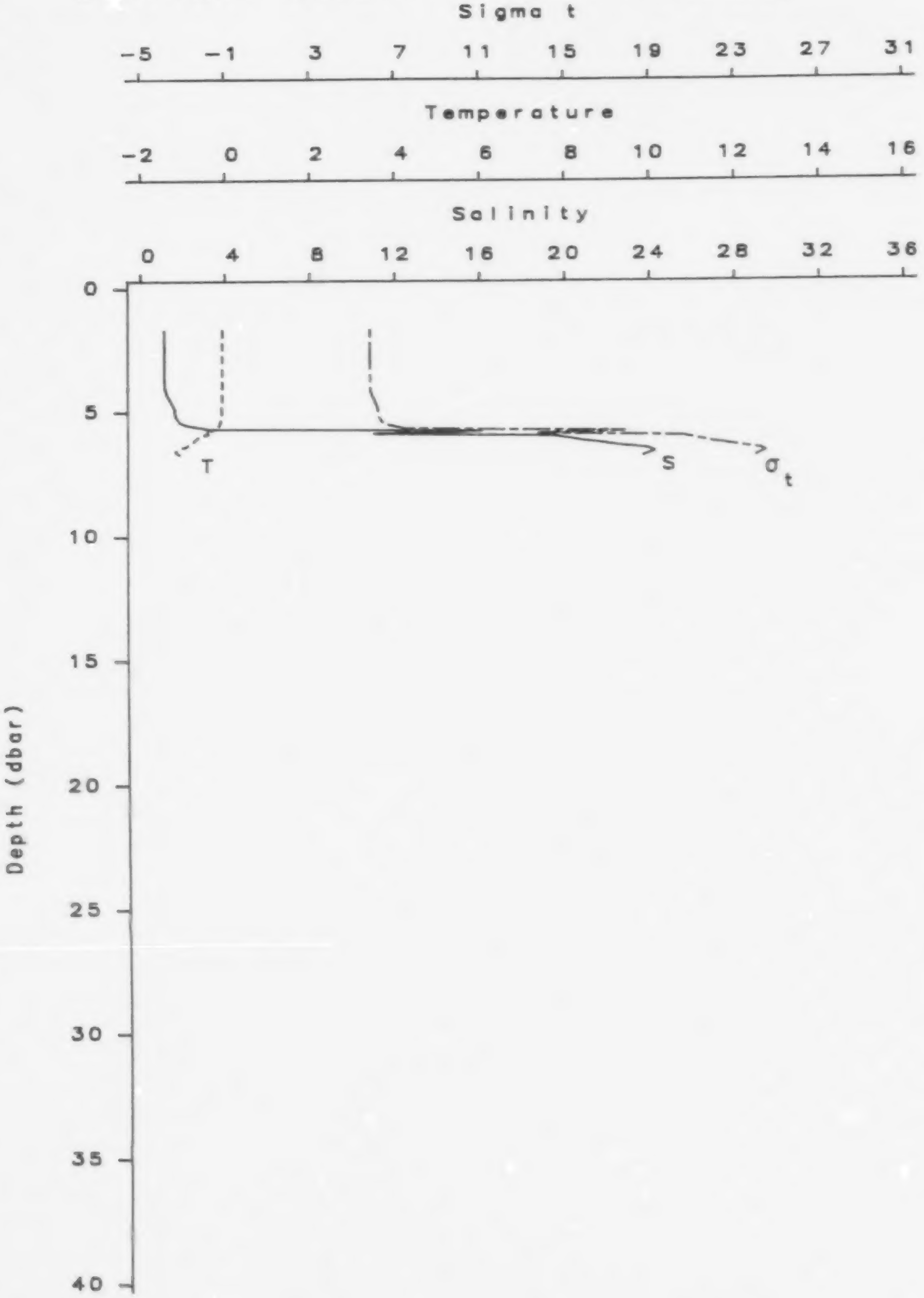

Table A1.31. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86027, May 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.7	1.15	-0.08	1000.78	3.7	1.16	-0.08	1000.79	5.5	2.08	-0.15	1001.53
2.0	1.15	-0.08	1000.78	3.9	1.17	-0.08	1000.80	5.7	3.22	-0.23	1002.46
2.1	1.14	-0.08	1000.77	4.1	1.20	-0.08	1000.82	5.8	16.06	-0.51	1012.83
2.3	1.15	-0.08	1000.78	4.2	1.23	-0.09	1000.84	5.9	10.97	-0.41	1008.73
2.5	1.15	-0.08	1000.78	4.3	1.26	-0.09	1000.87	6.0	19.50	-0.63	1015.61
2.7	1.15	-0.08	1000.78	4.6	1.46	-0.09	1001.03	6.2	20.91	-0.76	1016.75
2.8	1.15	-0.08	1000.78	4.8	1.59	-0.10	1001.14	6.3	21.91	-0.86	1017.56
3.0	1.15	-0.08	1000.78	4.9	1.64	-0.10	1001.18	6.4	22.76	-0.94	1018.24
3.2	1.15	-0.08	1000.78	5.1	1.66	-0.10	1001.19	6.5	23.90	-1.12	1019.17
3.3	1.16	-0.08	1000.79	5.2	1.69	-0.11	1001.22	6.6	24.19	-1.19	1019.40
3.6	1.16	-0.08	1000.79	5.4	1.85	-0.13	1001.35	6.8	23.65	-1.03	1018.96

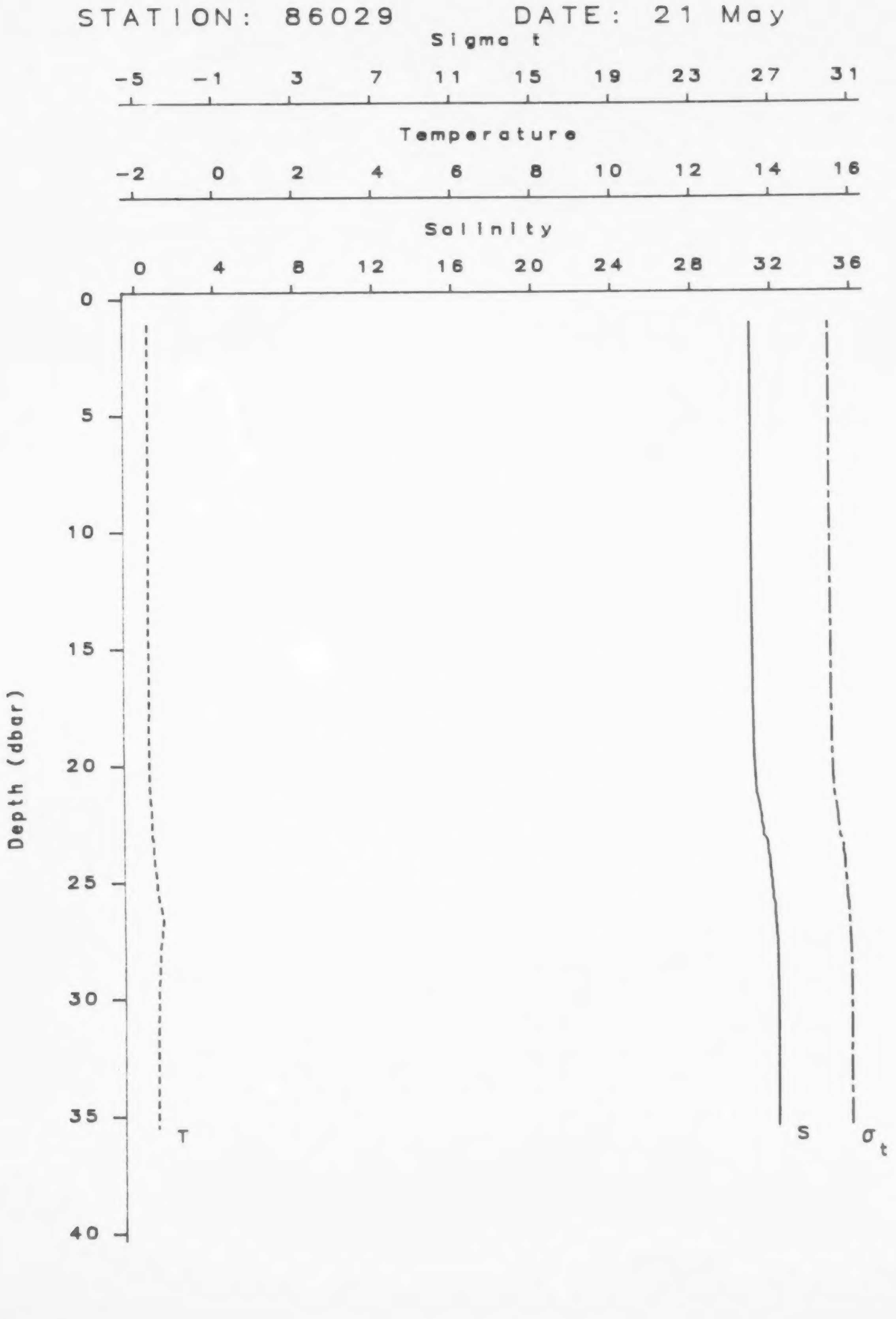
STATION: 86029 DATE: 21 May
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
Depth (dbar)
0 5 10 15 20 25 30 35 40
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Table A1.32. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86029, May 21, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.1	30.97	-1.68	1024.90	8.7	30.96	-1.68	1024.89	15.8	31.02	-1.68	1024.94
1.2	30.98	-1.68	1024.91	8.9	30.97	-1.68	1024.90	16.0	31.03	-1.68	1024.95
1.4	30.98	-1.68	1024.91	9.0	30.96	-1.68	1024.89	16.2	31.01	-1.68	1024.94
1.5	30.97	-1.68	1024.90	9.1	30.97	-1.68	1024.90	16.3	31.02	-1.68	1024.94
1.6	30.98	-1.68	1024.91	9.2	30.97	-1.68	1024.90	16.4	31.02	-1.68	1024.94
1.7	30.96	-1.68	1024.89	9.4	30.98	-1.68	1024.91	16.5	31.02	-1.68	1024.94
2.0	30.98	-1.68	1024.91	9.5	30.97	-1.68	1024.90	16.6	31.02	-1.68	1024.94
2.1	30.97	-1.68	1024.90	9.7	30.96	-1.68	1024.89	17.0	31.02	-1.68	1024.94
2.3	30.98	-1.68	1024.91	9.8	30.96	-1.68	1024.89	17.3	31.02	-1.68	1024.94
2.5	30.99	-1.68	1024.92	10.1	30.97	-1.68	1024.90	17.4	31.02	-1.68	1024.94
2.6	30.99	-1.68	1024.92	10.2	30.98	-1.68	1024.91	17.6	31.04	-1.68	1024.96
2.7	30.98	-1.68	1024.91	10.5	30.97	-1.68	1024.90	17.7	31.04	-1.67	1024.96
3.0	30.98	-1.68	1024.91	10.6	30.97	-1.68	1024.90	17.9	31.05	-1.67	1024.97
3.1	30.97	-1.68	1024.90	10.7	30.98	-1.68	1024.91	18.0	31.05	-1.68	1024.97
3.2	30.98	-1.68	1024.91	10.9	30.97	-1.68	1024.90	18.2	31.06	-1.68	1024.98
3.3	30.97	-1.68	1024.90	11.0	30.98	-1.68	1024.91	18.4	31.05	-1.68	1024.97
3.6	30.98	-1.68	1024.91	11.2	30.96	-1.68	1024.89	18.5	31.07	-1.68	1024.98
3.7	30.98	-1.68	1024.91	11.3	30.98	-1.68	1024.91	18.6	31.06	-1.68	1024.98
3.9	30.97	-1.68	1024.90	11.5	30.97	-1.68	1024.90	18.7	31.06	-1.68	1024.98
4.2	30.98	-1.68	1024.91	11.7	30.98	-1.68	1024.91	19.0	31.07	-1.67	1024.98
4.3	30.98	-1.68	1024.91	11.8	30.99	-1.68	1024.92	19.1	31.07	-1.67	1024.98
4.4	30.98	-1.68	1024.91	12.1	30.98	-1.68	1024.91	19.2	31.08	-1.66	1024.99
4.6	30.98	-1.68	1024.91	12.2	30.99	-1.68	1024.92	19.4	31.08	-1.66	1024.99
4.8	30.98	-1.68	1024.91	12.4	31.00	-1.68	1024.93	19.6	31.09	-1.66	1025.00
4.9	30.98	-1.68	1024.91	12.6	30.99	-1.68	1024.92	19.7	31.09	-1.66	1025.00
5.1	30.98	-1.68	1024.91	12.7	30.98	-1.68	1024.91	19.9	31.11	-1.66	1025.02
5.2	30.98	-1.68	1024.91	12.9	31.00	-1.69	1024.93	20.0	31.12	-1.66	1025.02
5.3	30.98	-1.68	1024.91	13.1	31.00	-1.69	1024.93	20.2	31.12	-1.65	1025.02
5.4	30.97	-1.68	1024.90	13.3	31.00	-1.68	1024.93	20.3	31.13	-1.65	1025.03
5.5	30.98	-1.68	1024.91	13.4	30.99	-1.68	1024.92	20.5	31.14	-1.65	1025.04
5.8	30.98	-1.68	1024.91	13.6	31.00	-1.68	1024.93	20.6	31.14	-1.65	1025.04
5.9	30.98	-1.68	1024.91	13.7	31.00	-1.69	1024.93	20.7	31.16	-1.65	1025.06
6.0	30.97	-1.68	1024.90	13.8	31.00	-1.68	1024.93	21.0	31.16	-1.65	1025.06
6.3	30.98	-1.68	1024.91	13.9	31.00	-1.68	1024.93	21.1	31.19	-1.64	1025.08
6.5	30.97	-1.68	1024.90	14.2	31.01	-1.69	1024.94	21.2	31.18	-1.64	1025.07
6.6	30.97	-1.68	1024.90	14.3	31.01	-1.69	1024.94	21.3	31.20	-1.64	1025.09
6.9	30.97	-1.68	1024.90	14.4	31.01	-1.69	1024.94	21.6	31.29	-1.62	1025.16
7.0	30.97	-1.68	1024.90	14.5	31.00	-1.68	1024.93	21.7	31.31	-1.61	1025.18
7.3	30.97	-1.68	1024.90	14.7	31.01	-1.68	1024.94	21.8	31.35	-1.61	1025.21
7.5	30.96	-1.68	1024.89	14.8	31.00	-1.68	1024.93	21.9	31.34	-1.60	1025.20
7.6	30.96	-1.68	1024.89	14.9	31.00	-1.68	1024.93	22.2	31.42	-1.60	1025.27
7.8	30.97	-1.68	1024.90	15.0	31.02	-1.68	1024.94	22.3	31.44	-1.59	1025.28
8.1	30.96	-1.68	1024.89	15.3	31.01	-1.68	1024.94	22.6	31.46	-1.59	1025.30
8.3	30.97	-1.68	1024.90	15.4	31.02	-1.68	1024.94	22.7	31.49	-1.59	1025.32
8.4	30.97	-1.68	1024.90	15.5	31.02	-1.68	1024.94	22.8	31.53	-1.59	1025.36
8.6	30.97	-1.68	1024.90	15.6	31.01	-1.68	1024.94	23.1	31.54	-1.58	1025.36

CONTINUED NEXT PAGE

Table A1.32. Station 86029 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
23.2	31.64	-1.56	1025.44	27.4	32.18	-1.37	1025.88	32.1	32.25	-1.47	1025.94
23.3	31.71	-1.55	1025.50	27.6	32.21	-1.39	1025.90	32.2	32.24	-1.46	1025.93
23.4	31.73	-1.55	1025.52	27.8	32.22	-1.41	1025.91	32.3	32.24	-1.46	1025.93
23.5	31.75	-1.55	1025.53	28.0	32.23	-1.41	1025.92	32.4	32.24	-1.47	1025.93
23.7	31.76	-1.55	1025.54	28.2	32.22	-1.42	1025.91	32.5	32.25	-1.46	1025.94
23.9	31.79	-1.54	1025.57	28.4	32.24	-1.42	1025.93	32.7	32.25	-1.47	1025.94
24.0	31.83	-1.53	1025.60	28.5	32.22	-1.42	1025.91	32.8	32.25	-1.47	1025.94
24.2	31.86	-1.52	1025.62	28.6	32.23	-1.43	1025.92	32.9	32.25	-1.47	1025.94
24.3	31.86	-1.52	1025.62	28.7	32.24	-1.43	1025.93	33.0	32.25	-1.46	1025.94
24.5	31.87	-1.51	1025.63	29.0	32.24	-1.43	1025.93	33.2	32.27	-1.47	1025.95
24.6	31.90	-1.49	1025.65	29.1	32.23	-1.43	1025.92	33.4	32.25	-1.47	1025.94
24.9	31.91	-1.47	1025.66	29.2	32.24	-1.43	1025.93	33.5	32.25	-1.47	1025.94
25.0	31.95	-1.47	1025.69	29.3	32.25	-1.45	1025.94	33.6	32.25	-1.47	1025.94
25.1	31.96	-1.47	1025.70	29.5	32.25	-1.45	1025.94	33.8	32.25	-1.47	1025.94
25.4	31.98	-1.46	1025.72	29.7	32.26	-1.46	1025.95	33.9	32.25	-1.47	1025.94
25.5	32.00	-1.44	1025.73	30.0	32.25	-1.46	1025.94	34.1	32.26	-1.47	1025.95
25.8	32.01	-1.42	1025.74	30.1	32.27	-1.46	1025.95	34.3	32.25	-1.47	1025.94
25.9	32.05	-1.39	1025.77	30.3	32.24	-1.45	1025.93	34.5	32.26	-1.47	1025.95
26.0	32.08	-1.37	1025.80	30.4	32.26	-1.46	1025.95	34.6	32.26	-1.47	1025.95
26.1	32.10	-1.37	1025.81	30.6	32.24	-1.46	1025.93	34.8	32.26	-1.47	1025.95
26.3	32.09	-1.35	1025.80	30.8	32.26	-1.46	1025.95	34.9	32.25	-1.47	1025.94
26.4	32.11	-1.34	1025.82	30.9	32.25	-1.47	1025.94	35.0	32.25	-1.47	1025.94
26.5	32.09	-1.32	1025.80	31.1	32.27	-1.47	1025.95	35.1	32.24	-1.47	1025.93
26.6	32.12	-1.32	1025.83	31.2	32.26	-1.46	1025.95	35.3	32.25	-1.47	1025.94
26.7	32.13	-1.32	1025.84	31.3	32.25	-1.47	1025.94	35.4	32.26	-1.47	1025.95
26.9	32.14	-1.33	1025.85	31.4	32.26	-1.46	1025.95	35.5	32.23	-1.47	1025.92
27.0	32.16	-1.35	1025.86	31.6	32.25	-1.46	1025.94				
27.1	32.16	-1.36	1025.86	31.8	32.27	-1.47	1025.95				

STATION: 86033 DATE: 22 May

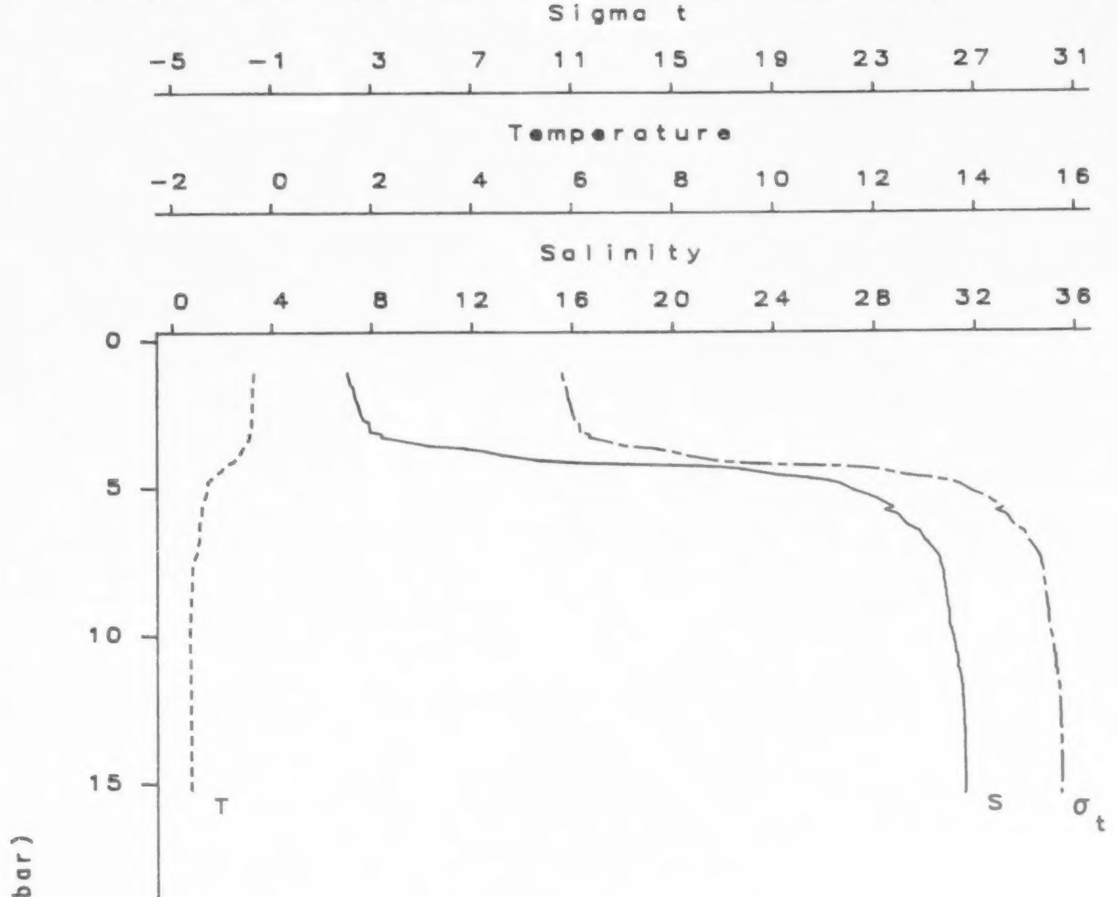

Table A1.33. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86033, May 22, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.1	7.03	-0.38	1005.54	5.8	28.38	-1.42	1022.80	10.6	31.18	-1.65	1025.07
1.2	7.05	-0.39	1005.55	5.9	28.82	-1.43	1023.15	10.7	31.25	-1.65	1025.13
1.5	7.15	-0.40	1005.64	6.0	28.97	-1.44	1023.28	10.9	31.28	-1.65	1025.15
1.6	7.26	-0.41	1005.72	6.2	29.15	-1.46	1023.42	11.0	31.25	-1.65	1025.13
1.9	7.32	-0.41	1005.77	6.3	29.28	-1.47	1023.53	11.1	31.22	-1.64	1025.11
2.0	7.35	-0.40	1005.80	6.4	29.49	-1.47	1023.70	11.2	31.31	-1.65	1025.18
2.1	7.41	-0.41	1005.85	6.5	29.75	-1.47	1023.91	11.5	31.39	-1.65	1025.24
2.2	7.46	-0.41	1005.89	6.8	29.95	-1.47	1024.07	11.7	31.42	-1.65	1025.27
2.3	7.49	-0.41	1005.91	6.9	30.08	-1.49	1024.18	11.8	31.44	-1.64	1025.28
2.5	7.55	-0.42	1005.96	7.2	30.38	-1.52	1024.42	12.1	31.44	-1.65	1025.28
2.7	7.66	-0.43	1006.05	7.3	30.47	-1.54	1024.49	12.2	31.46	-1.64	1025.30
2.8	7.87	-0.43	1006.22	7.4	30.55	-1.57	1024.56	12.3	31.47	-1.64	1025.31
3.1	7.94	-0.43	1006.27	7.6	30.59	-1.61	1024.59	12.4	31.47	-1.64	1025.31
3.2	8.39	-0.47	1006.64	7.9	30.71	-1.62	1024.69	12.6	31.49	-1.65	1025.32
3.3	8.37	-0.47	1006.62	8.0	30.72	-1.62	1024.70	12.8	31.50	-1.65	1025.33
3.6	10.24	-0.58	1008.13	8.1	30.69	-1.62	1024.67	12.9	31.47	-1.64	1025.31
3.7	11.73	-0.61	1009.33	8.3	30.76	-1.62	1024.73	13.1	31.49	-1.64	1025.32
3.8	12.53	-0.64	1009.98	8.4	30.74	-1.62	1024.71	13.2	31.52	-1.64	1025.35
3.9	13.09	-0.68	1010.43	8.5	30.80	-1.63	1024.76	13.3	31.51	-1.64	1025.34
4.1	14.63	-0.79	1011.67	8.7	30.81	-1.64	1024.77	13.6	31.52	-1.64	1025.35
4.2	16.43	-0.90	1013.12	8.9	30.86	-1.64	1024.81	13.7	31.52	-1.65	1025.35
4.3	21.03	-0.99	1016.84	9.0	30.86	-1.65	1024.81	13.8	31.52	-1.65	1025.35
4.4	22.64	-1.02	1018.15	9.1	30.89	-1.65	1024.84	14.1	31.52	-1.64	1025.35
4.6	24.08	-1.17	1019.31	9.2	30.93	-1.65	1024.87	14.2	31.52	-1.64	1025.35
4.7	25.34	-1.24	1020.33	9.4	30.93	-1.65	1024.87	14.3	31.53	-1.64	1025.36
4.8	26.17	-1.30	1021.00	9.6	30.94	-1.65	1024.88	14.5	31.53	-1.64	1025.36
4.9	26.62	-1.30	1021.37	9.7	30.94	-1.66	1024.88	14.7	31.54	-1.65	1025.37
5.1	27.10	-1.31	1021.76	9.8	30.99	-1.66	1024.92	14.8	31.54	-1.64	1025.37
5.3	27.77	-1.35	1022.30	10.0	31.05	-1.66	1024.97	15.0	31.52	-1.64	1025.35
5.4	28.06	-1.38	1022.54	10.1	31.10	-1.66	1025.01	15.3	31.51	-1.64	1025.34
5.5	28.25	-1.40	1022.69	10.2	31.10	-1.66	1025.01	15.4	31.49	-1.64	1025.32
5.7	28.71	-1.42	1023.06	10.4	31.16	-1.66	1025.06				

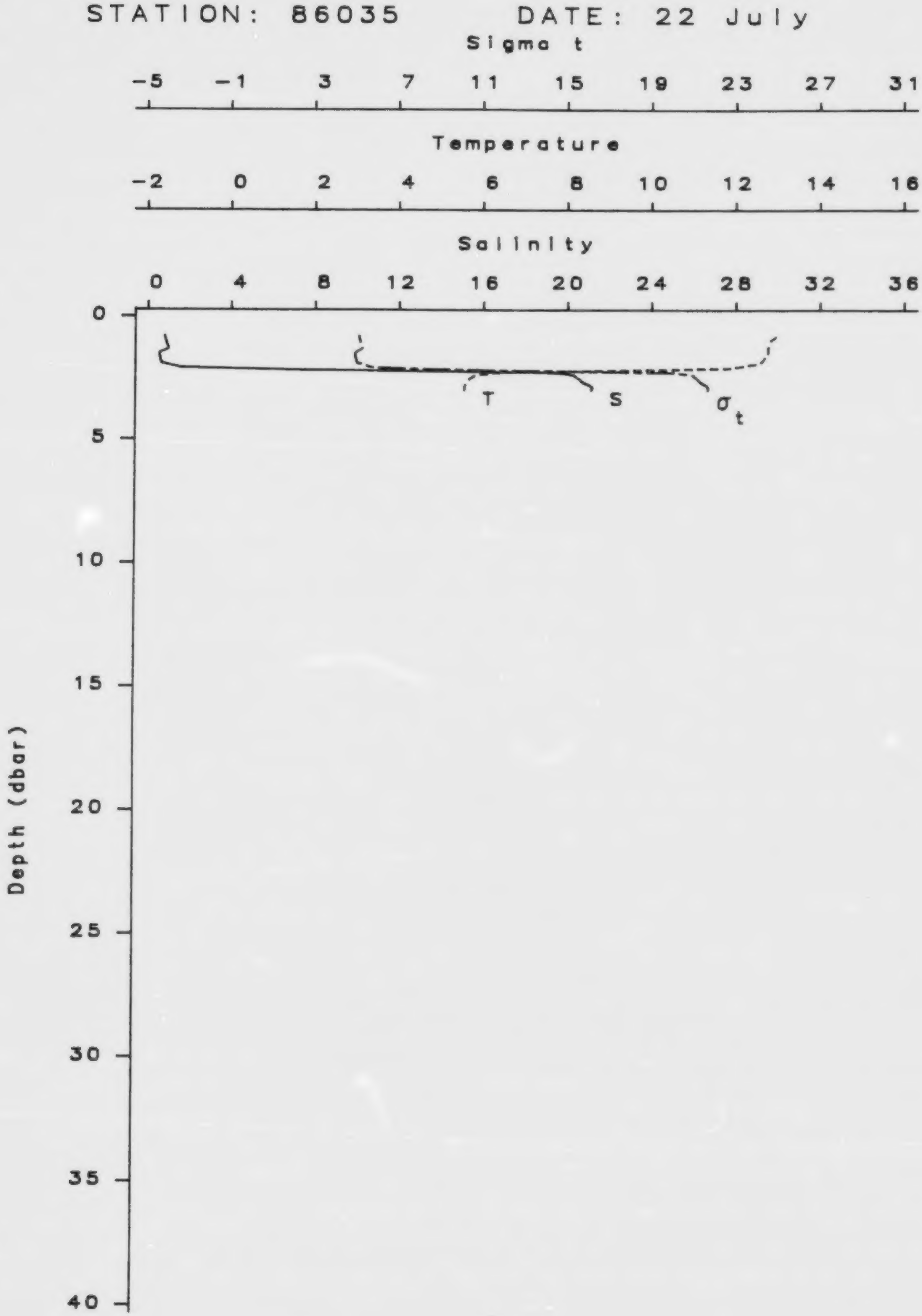
STATION: 86035 DATE: 22 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.34. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86035, July 22, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.8	0.83	12.94	1000.03	1.6	0.58	12.69	999.87	2.4	20.30	5.77	1015.98
1.0	0.89	12.80	1000.10	1.8	0.63	12.62	999.92	2.6	20.59	5.61	1016.22
1.1	0.93	12.76	1000.13	1.9	0.68	12.54	999.97	2.7	20.74	5.57	1016.35
1.2	0.98	12.76	1000.17	2.1	1.61	11.87	1000.77	2.8	21.02	5.54	1016.57
1.3	1.03	12.75	1000.21	2.2	7.54	9.53	1005.64	2.9	21.15	5.51	1016.67
1.5	0.56	12.74	999.85	2.3	19.36	6.36	1015.19	3.0	21.09	5.51	1016.63

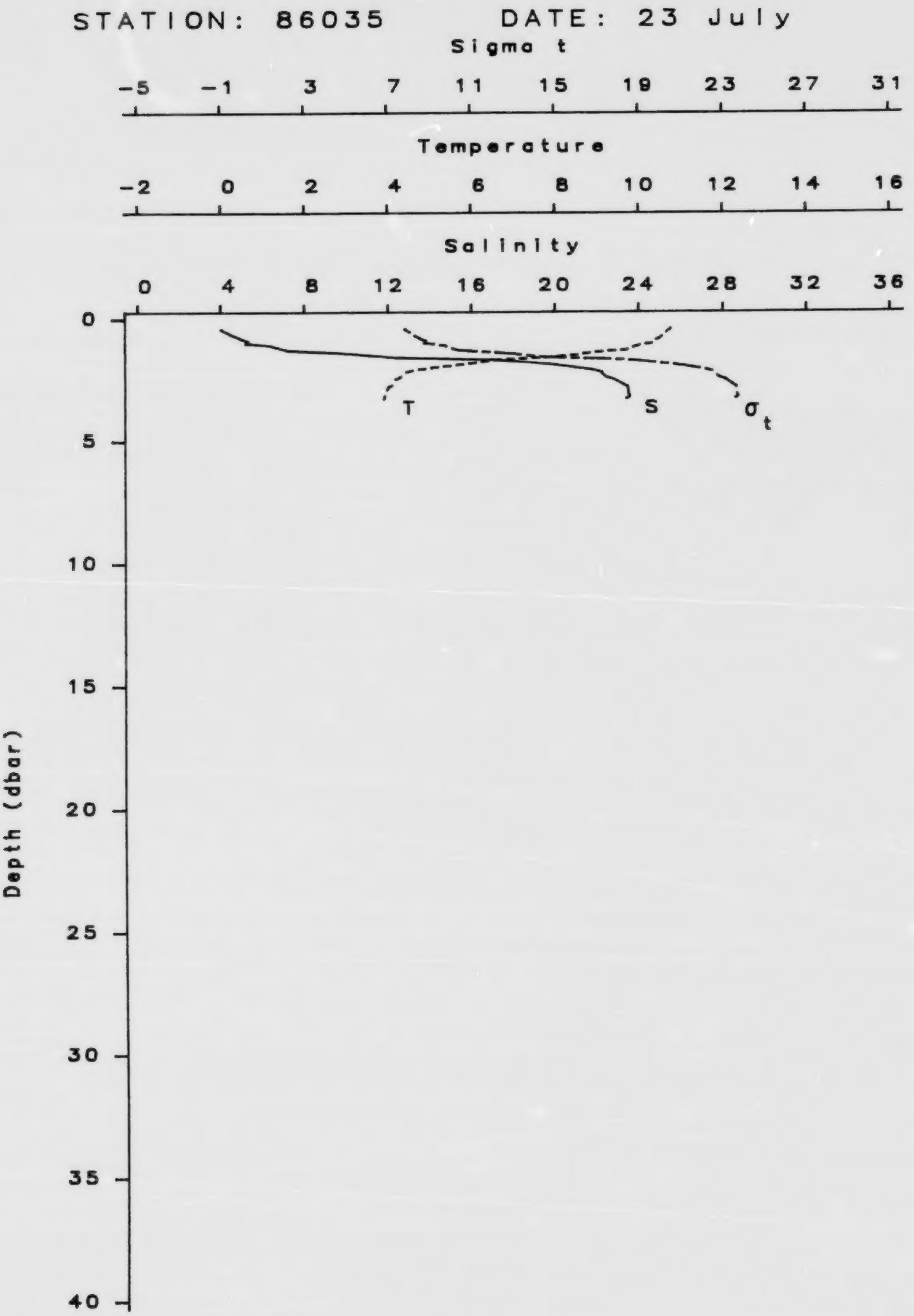
STATION: 86035 DATE: 23 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.35. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86035, July 23, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	4.02	10.76	1002.77	1.5	11.07	8.52	1008.49	2.5	22.80	4.16	1018.09
0.6	4.42	10.62	1003.10	1.6	12.37	7.84	1009.57	2.7	23.22	4.11	1018.42
0.8	4.95	10.49	1003.52	1.7	16.98	6.59	1013.30	2.8	23.45	4.00	1018.61
0.9	5.31	10.38	1003.81	1.9	20.03	5.67	1015.78	3.0	23.50	3.93	1018.66
1.0	5.20	10.38	1003.73	2.0	20.90	5.10	1016.51	3.1	23.50	3.91	1018.66
1.1	6.44	10.00	1004.73	2.1	21.77	4.62	1017.24	3.2	23.56	3.90	1018.71
1.3	7.24	9.68	1005.39	2.2	22.20	4.42	1017.59	3.3	23.39	3.89	1018.57
1.4	9.58	8.87	1007.29	2.4	22.41	4.27	1017.77				

STATION: 86036 DATE: 23 July

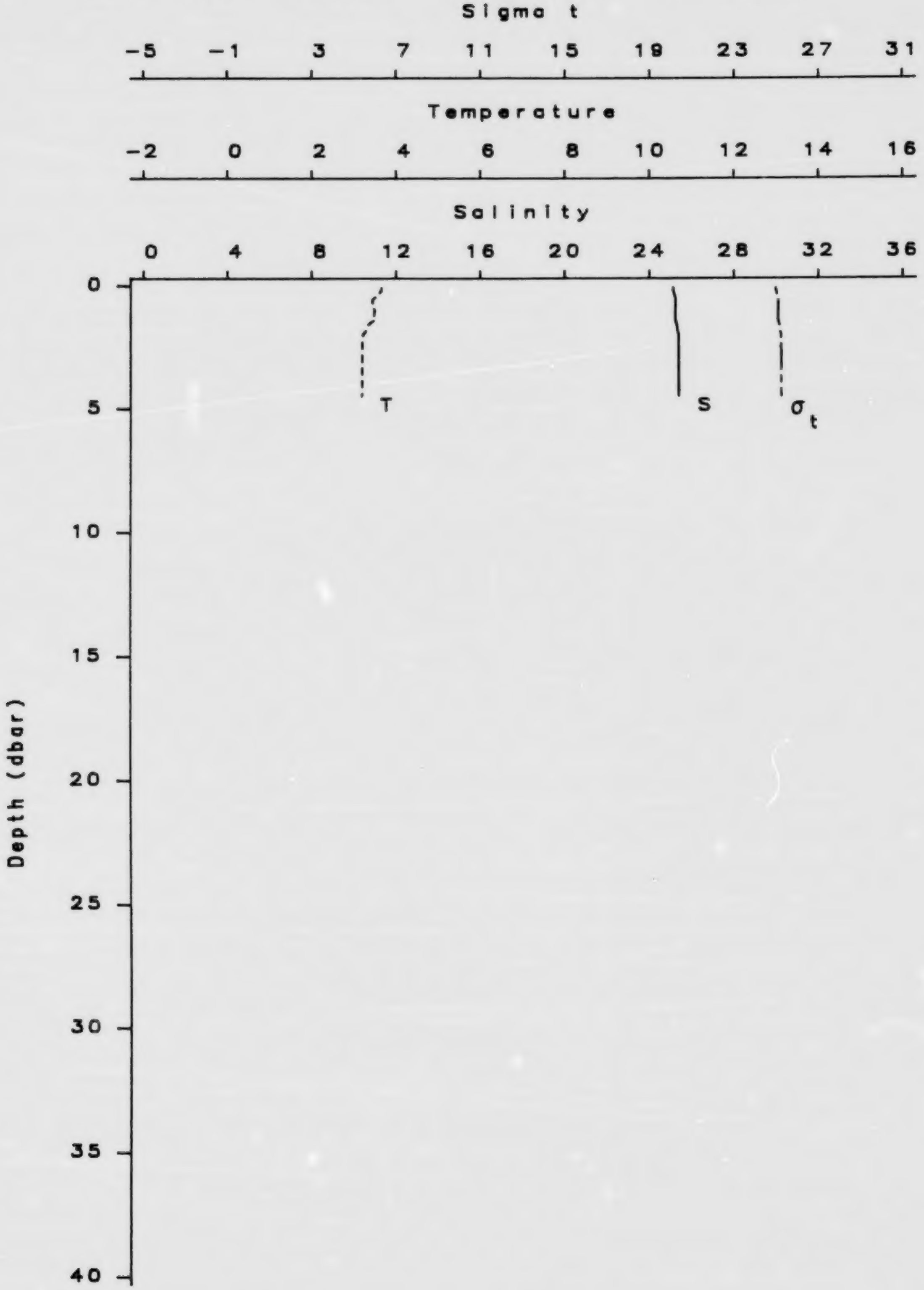

Table A1.36. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86036, July 23, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	25.13	3.63	1019.97	1.6	25.30	3.33	1020.13	3.5	25.39	3.17	1020.21
0.2	25.12	3.64	1019.96	1.9	25.35	3.24	1020.18	3.7	25.37	3.17	1020.20
0.4	25.19	3.54	1020.03	2.0	25.38	3.19	1020.20	3.8	25.38	3.17	1020.20
0.6	25.25	3.42	1020.08	2.2	25.38	3.18	1020.20	4.0	25.38	3.16	1020.20
0.8	25.24	3.42	1020.08	2.5	25.39	3.17	1020.21	4.1	25.39	3.17	1020.21
0.9	25.23	3.45	1020.07	2.7	25.38	3.17	1020.20	4.2	25.38	3.17	1020.20
1.0	25.21	3.48	1020.05	2.8	25.38	3.17	1020.20	4.3	25.38	3.17	1020.20
1.3	25.23	3.45	1020.07	3.1	25.38	3.17	1020.20	4.5	25.38	3.16	1020.20
1.4	25.20	3.47	1020.04	3.2	25.39	3.17	1020.21				
1.5	25.26	3.39	1020.09	3.3	25.38	3.17	1020.20				

STATION: 86038 DATE: 25 July

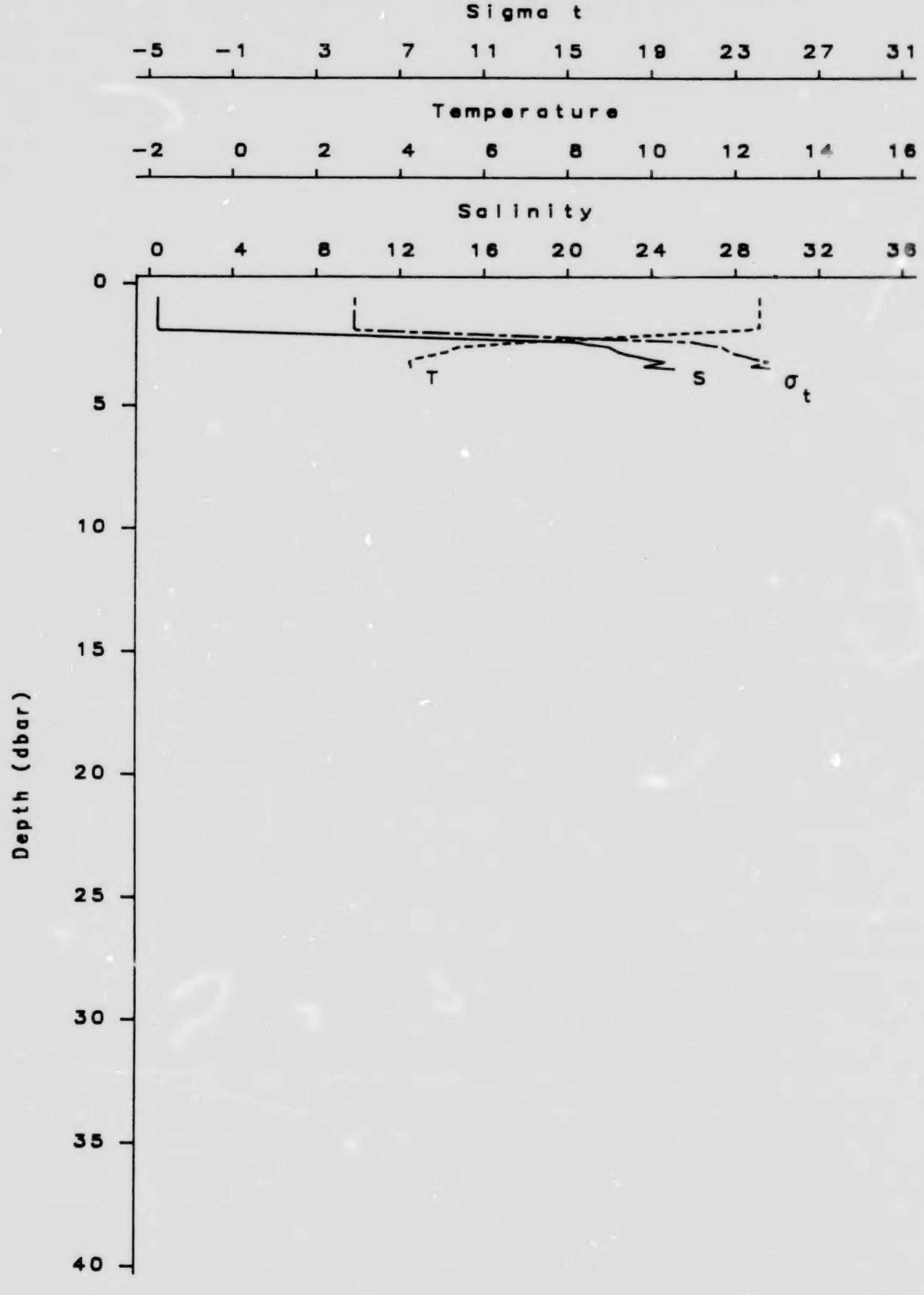

Table A1.37. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86038, July 25, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	0.47	12.58	999.80	1.8	0.44	12.57	999.78	2.9	22.80	4.85	1018.03
0.8	0.46	12.58	999.79	1.9	0.54	12.24	999.89	3.0	23.40	4.56	1018.53
0.9	0.45	12.58	999.78	2.1	8.41	10.22	1006.24	3.1	23.87	4.31	1018.92
1.2	0.46	12.57	999.79	2.3	16.52	8.13	1012.79	3.2	24.61	4.20	1019.52
1.3	0.45	12.58	999.78	2.4	20.44	6.99	1015.98	3.4	23.65	4.25	1018.75
1.4	0.45	12.56	999.79	2.5	21.04	6.21	1016.52	3.5	25.07	4.16	1019.88
1.5	0.44	12.56	999.78	2.6	22.00	5.35	1017.36				
1.7	0.44	12.56	999.78	2.8	22.40	5.10	1017.69				

Table A1.38. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86039, July 25, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
3.0	21.50	6.00	1016.91								

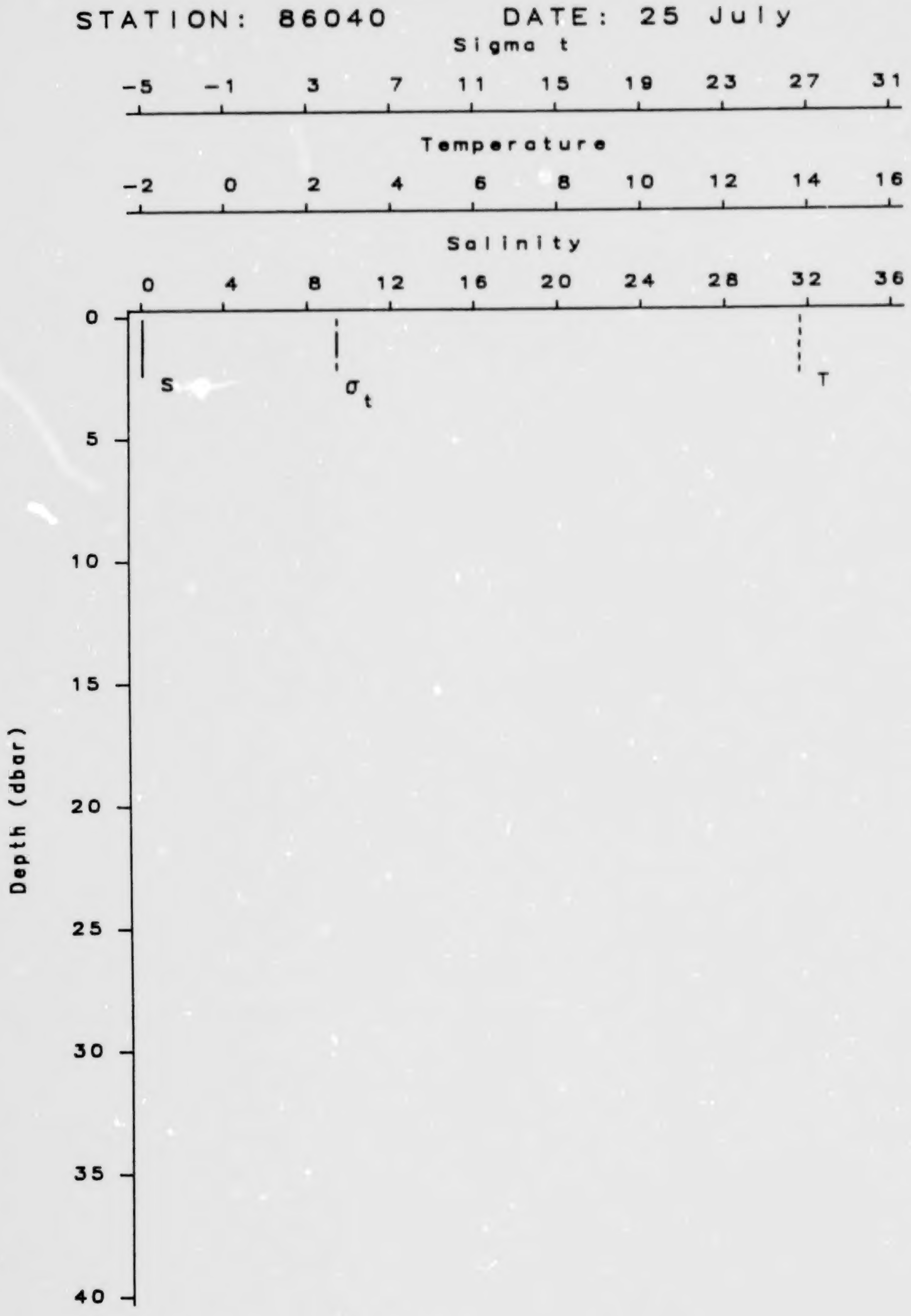
STATION: 86040 DATE: 25 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
Depth (dbar)
0 5 10 15 20 25 30 35 40
S
σt
T

Table A1.39. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86040, July 25, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	0.12	13.81	999.37	1.0	0.12	13.80	999.37	1.9	0.12	13.78	999.37
0.3	0.12	13.81	999.37	1.2	0.12	13.77	999.37	2.0	0.12	13.77	999.37
0.5	0.12	13.80	999.37	1.3	0.12	13.76	999.37	2.3	0.11	13.77	999.36
0.7	0.12	13.80	999.37	1.4	0.12	13.79	999.37	2.4	0.11	13.76	999.37
0.8	0.12	13.81	999.37	1.5	0.12	13.78	999.37				
0.9	0.12	13.80	999.37	1.6	0.12	13.78	999.37				

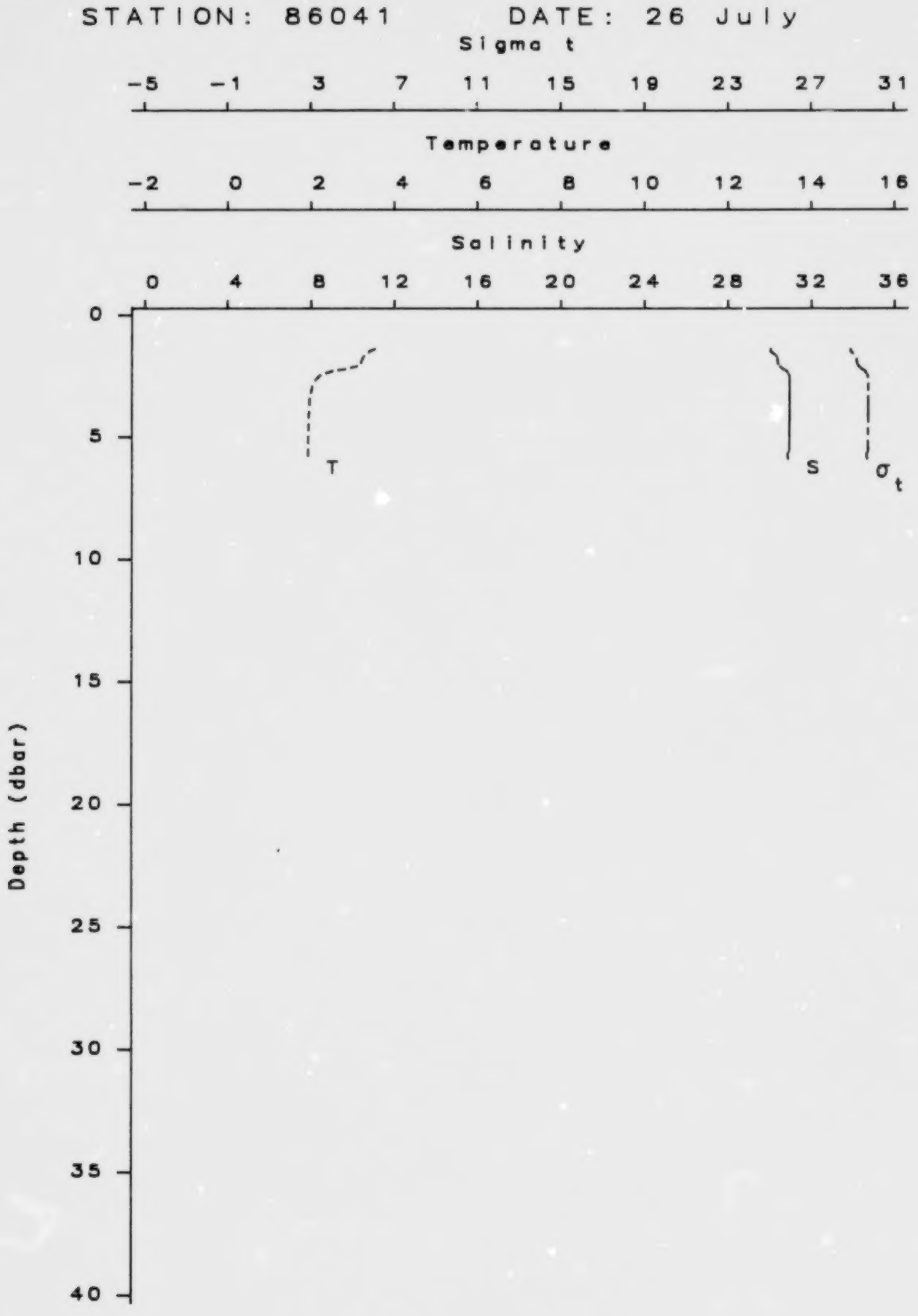
STATION: 86041 DATE: 26 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
T
S
σt

Table A1.40. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86041, July 26, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.4	30.04	3.50	1023.89	2.9	30.95	2.01	1024.73	4.7	30.91	1.92	1024.70
1.5	30.01	3.39	1023.87	3.1	30.93	1.99	1024.71	4.8	30.91	1.91	1024.70
1.6	30.19	3.33	1024.02	3.2	30.93	1.98	1024.71	4.9	30.90	1.91	1024.69
1.7	30.32	3.24	1024.13	3.3	30.94	1.96	1024.72	5.2	30.90	1.91	1024.69
1.8	30.37	3.21	1024.17	3.4	30.93	1.95	1024.72	5.4	30.90	1.91	1024.69
2.0	30.40	3.17	1024.20	3.7	30.92	1.94	1024.71	5.5	30.92	1.91	1024.71
2.1	30.49	3.07	1024.28	3.9	30.92	1.93	1024.71	5.7	30.81	1.92	1024.62
2.2	30.59	2.88	1024.38	4.1	30.91	1.93	1024.70	5.8	30.82	1.91	1024.63
2.3	30.80	2.48	1024.57	4.2	30.91	1.92	1024.70	5.9	30.85	1.91	1024.65
2.5	30.94	2.17	1024.71	4.4	30.90	1.92	1024.69				
2.7	30.94	2.07	1024.72	4.6	30.90	1.92	1024.69				

STATION: 86042 DATE: 26 July

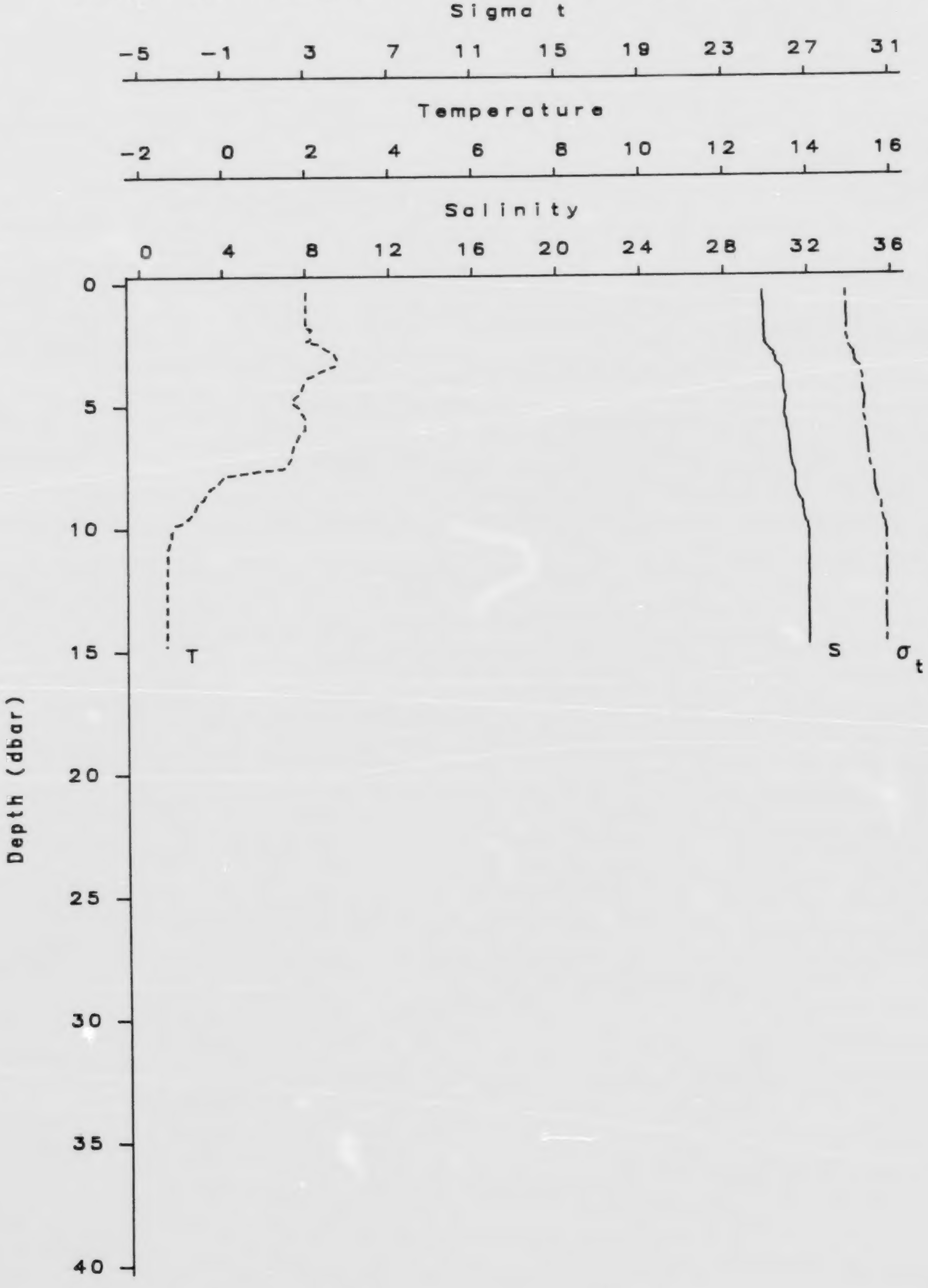

Table A1.41. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86042, July 26, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	29.85	2.00	1023.85	5.2	30.88	1.84	1024.68	10.3	32.00	-1.24	1025.73
0.7	29.86	2.00	1023.86	5.4	30.83	1.95	1024.64	10.4	32.01	-1.25	1025.74
0.8	29.87	1.99	1023.86	5.6	30.92	2.00	1024.70	10.5	31.99	-1.29	1025.72
0.9	29.90	2.00	1023.89	5.7	30.97	1.98	1024.75	10.7	31.98	-1.31	1025.71
1.1	29.89	2.01	1023.88	6.0	30.99	1.98	1024.76	10.8	31.98	-1.33	1025.72
1.2	29.88	2.01	1023.87	6.1	31.03	1.88	1024.80	10.9	32.00	-1.35	1025.73
1.4	29.87	1.99	1023.86	6.2	31.07	1.84	1024.84	11.2	32.02	-1.34	1025.75
1.7	29.93	2.01	1023.91	6.5	31.10	1.76	1024.86	11.3	32.02	-1.34	1025.75
1.8	29.88	1.99	1023.87	6.6	31.13	1.71	1024.89	11.4	32.00	-1.34	1025.73
1.9	29.92	2.14	1023.89	6.7	31.13	1.69	1024.89	11.5	31.98	-1.36	1025.72
2.0	29.94	2.10	1023.91	6.8	31.14	1.68	1024.90	11.6	31.98	-1.36	1025.72
2.2	29.90	2.10	1023.88	7.0	31.15	1.65	1024.91	11.8	31.99	-1.36	1025.72
2.3	29.91	2.12	1023.89	7.2	31.17	1.63	1024.93	11.9	31.99	-1.36	1025.72
2.4	29.98	2.02	1023.95	7.3	31.19	1.59	1024.95	12.0	32.00	-1.36	1025.73
2.5	29.93	2.28	1023.89	7.5	31.23	1.53	1024.98	12.1	32.00	-1.36	1025.73
2.8	30.21	2.57	1024.10	7.6	31.27	1.43	1025.02	12.4	31.97	-1.36	1025.71
2.9	30.38	2.69	1024.22	7.7	31.34	0.81	1025.11	12.5	31.96	-1.36	1025.70
3.0	30.34	2.71	1024.19	7.9	31.37	0.01	1025.18	12.8	31.98	-1.37	1025.72
3.1	30.45	2.75	1024.27	8.2	31.38	-0.14	1025.19	12.9	31.98	-1.37	1025.72
3.3	30.47	2.72	1024.29	8.4	31.38	-0.32	1025.20	13.0	31.97	-1.36	1025.71
3.4	30.57	2.70	1024.37	8.6	31.43	-0.40	1025.24	13.3	31.97	-1.36	1025.71
3.5	30.73	2.51	1024.52	8.7	31.49	-0.45	1025.29	13.4	31.97	-1.36	1025.71
3.8	30.80	2.17	1024.60	8.8	31.52	-0.47	1025.32	13.5	31.98	-1.37	1025.72
3.9	30.85	2.02	1024.65	8.9	31.59	-0.53	1025.37	13.7	31.97	-1.37	1025.71
4.0	30.83	1.98	1024.63	9.0	31.71	-0.63	1025.48	13.9	31.96	-1.37	1025.70
4.3	30.81	1.91	1024.62	9.2	31.74	-0.68	1025.50	14.0	31.98	-1.37	1025.72
4.4	30.85	1.89	1024.66	9.3	31.71	-0.70	1025.48	14.2	31.98	-1.37	1025.72
4.5	30.87	1.85	1024.67	9.4	31.78	-0.75	1025.54	14.4	31.97	-1.36	1025.71
4.6	30.90	1.80	1024.70	9.6	31.78	-0.84	1025.54	14.5	31.98	-1.37	1025.72
4.7	30.95	1.73	1024.75	9.8	31.85	-1.02	1025.60	14.6	31.96	-1.37	1025.70
4.9	30.90	1.66	1024.71	9.9	31.95	-1.18	1025.69	14.7	31.97	-1.37	1025.71
5.0	30.88	1.78	1024.69	10.1	31.98	-1.22	1025.71	14.8	31.97	-1.37	1025.71
5.1	30.88	1.84	1024.68	10.2	32.02	-1.26	1025.75				

STATION: 86043 DATE: 29 July

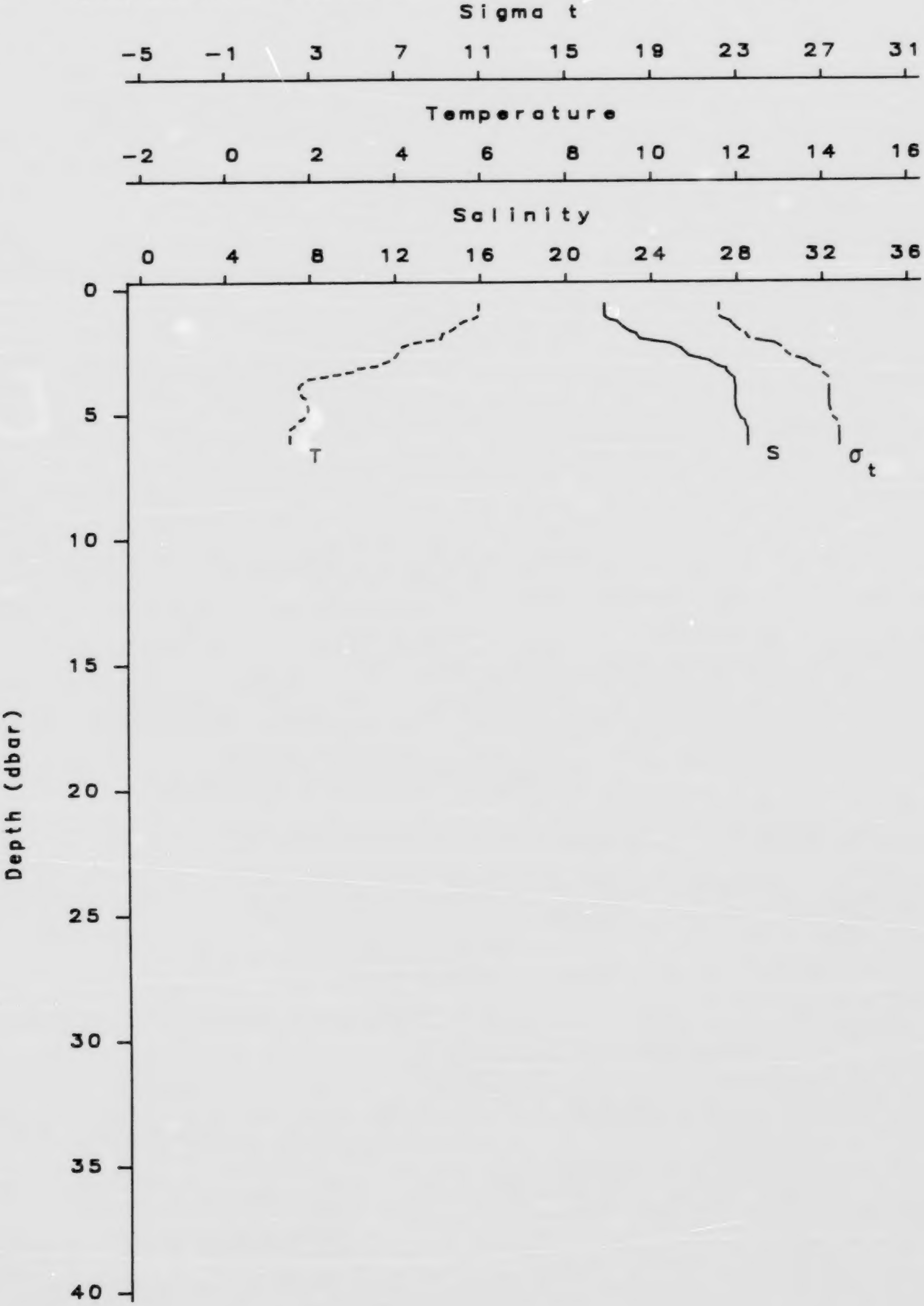

Table A1.42. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86043, July 29, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	21.80	5.94	1017.15	2.4	25.36	4.07	1020.12	4.4	27.87	1.90	1022.27
0.7	21.80	5.94	1017.15	2.6	25.59	4.03	1020.31	4.5	27.89	1.92	1022.28
0.9	21.82	5.93	1017.16	2.7	25.75	3.99	1020.44	4.7	27.89	1.94	1022.28
1.0	21.82	5.94	1017.16	2.8	26.22	3.92	1020.82	4.8	27.92	1.95	1022.31
1.1	21.83	5.91	1017.17	2.9	26.67	3.82	1021.18	4.9	27.97	1.93	1022.35
1.2	21.98	5.82	1017.30	3.1	27.06	3.52	1021.51	5.2	28.13	1.81	1022.48
1.3	22.38	5.60	1017.64	3.2	27.46	3.05	1021.87	5.3	28.31	1.68	1022.63
1.5	22.63	5.43	1017.85	3.3	27.47	3.03	1021.88	5.5	28.38	1.60	1022.70
1.7	22.95	5.27	1018.11	3.4	27.58	2.69	1021.99	5.6	28.46	1.52	1022.76
1.8	23.27	5.09	1018.38	3.6	27.84	1.95	1022.24	5.8	28.46	1.51	1022.76
2.0	23.45	5.05	1018.53	3.8	27.86	1.77	1022.27	5.9	28.47	1.50	1022.77
2.1	24.05	4.67	1019.04	3.9	27.89	1.72	1022.30	6.2	28.48	1.50	1022.78
2.2	24.88	4.33	1019.72	4.1	27.87	1.74	1022.28	6.3	28.44	1.51	1022.75
2.3	25.16	4.18	1019.95	4.3	27.86	1.81	1022.27				

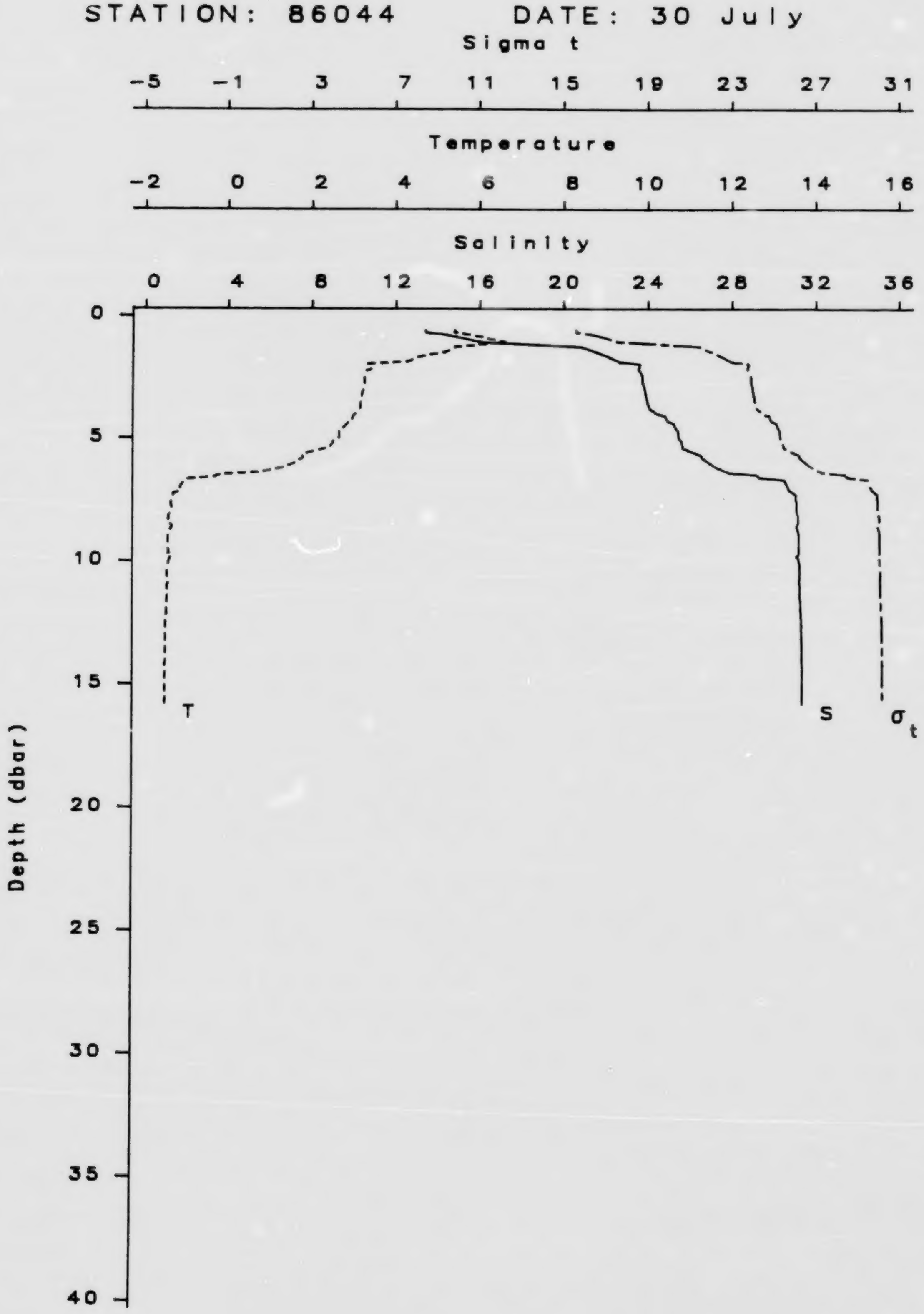
STATION: 86044 DATE: 30 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
Depth (dbar)
0 5 10 15 20 25 30 35 40
T
S
σt

Table A1.43. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86044, July 30, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	13.40	5.38	1010.57	5.7	26.50	1.73	1021.18	11.0	31.22	-1.48	1025.10
0.7	13.43	5.37	1010.60	5.8	26.55	1.77	1021.22	11.3	31.21	-1.46	1025.09
0.8	14.42	5.77	1011.35	6.0	26.87	1.59	1021.49	11.4	31.21	-1.47	1025.09
1.1	16.11	6.61	1012.61	6.2	27.26	1.32	1021.81	11.5	31.21	-1.48	1025.09
1.2	18.71	5.95	1014.71	6.4	27.83	0.77	1022.29	11.6	31.25	-1.48	1025.13
1.3	20.86	5.39	1016.45	6.5	29.18	-0.23	1023.42	11.9	31.25	-1.49	1025.13
1.4	21.17	5.27	1016.71	6.6	29.26	-0.34	1023.49	12.0	31.25	-1.49	1025.13
1.5	21.52	5.16	1016.99	6.7	30.48	-1.05	1024.49	12.1	31.27	-1.49	1025.14
1.7	22.12	4.52	1017.52	6.8	30.54	-1.09	1024.54	12.3	31.28	-1.49	1025.15
1.9	22.61	4.26	1017.93	7.0	30.64	-1.17	1024.62	12.4	31.30	-1.51	1025.17
2.0	23.61	3.29	1018.79	7.1	30.70	-1.14	1024.67	12.5	31.30	-1.51	1025.17
2.2	23.51	3.40	1018.70	7.2	30.87	-1.21	1024.81	12.6	31.31	-1.51	1025.18
2.3	23.64	3.23	1018.82	7.3	31.01	-1.34	1024.93	12.8	31.30	-1.51	1025.17
2.5	23.73	3.22	1018.89	7.5	31.03	-1.35	1024.95	13.0	31.30	-1.51	1025.17
2.6	23.74	3.22	1018.90	7.6	31.07	-1.38	1024.98	13.1	31.31	-1.51	1025.18
2.8	23.75	3.22	1018.90	7.7	31.07	-1.39	1024.98	13.3	31.32	-1.51	1025.18
2.9	23.81	3.20	1018.95	7.8	31.04	-1.36	1024.95	13.4	31.33	-1.51	1025.19
3.1	23.85	3.18	1018.99	7.9	31.04	-1.38	1024.95	13.5	31.32	-1.51	1025.18
3.3	23.90	3.15	1019.03	8.2	31.14	-1.45	1025.04	13.6	31.32	-1.51	1025.18
3.4	23.93	3.14	1019.05	8.3	31.14	-1.45	1025.04	13.9	31.32	-1.51	1025.18
3.6	23.98	3.13	1019.09	8.4	31.14	-1.46	1025.04	14.0	31.31	-1.51	1025.18
3.8	24.07	3.11	1019.16	8.6	31.04	-1.35	1024.95	14.1	31.32	-1.51	1025.18
3.9	24.24	3.04	1019.30	8.7	31.10	-1.38	1025.00	14.2	31.33	-1.53	1025.19
4.0	24.38	3.01	1019.42	8.9	31.17	-1.46	1025.06	14.5	31.33	-1.51	1025.19
4.1	24.78	2.95	1019.74	9.3	31.17	-1.46	1025.06	14.6	31.32	-1.53	1025.18
4.3	24.92	2.91	1019.85	9.6	31.16	-1.45	1025.05	14.8	31.33	-1.54	1025.19
4.4	25.20	2.82	1020.08	9.7	31.15	-1.45	1025.04	15.0	31.33	-1.53	1025.19
4.6	25.31	2.72	1020.18	9.8	31.03	-1.34	1024.94	15.1	31.31	-1.53	1025.18
4.7	25.41	2.62	1020.26	9.9	31.14	-1.41	1025.04	15.2	31.33	-1.51	1025.19
5.0	25.45	2.61	1020.30	10.2	31.21	-1.47	1025.09	15.4	31.33	-1.51	1025.19
5.1	25.55	2.48	1020.38	10.4	31.20	-1.48	1025.09	15.5	31.32	-1.51	1025.18
5.2	25.58	2.46	1020.41	10.5	31.20	-1.47	1025.09	15.6	31.32	-1.52	1025.18
5.4	25.64	2.38	1020.46	10.7	31.17	-1.47	1025.06	15.7	31.32	-1.53	1025.18
5.5	25.88	2.15	1020.66	10.8	31.19	-1.47	1025.08	15.8	31.32	-1.53	1025.18
5.6	26.21	1.89	1020.94	10.9	31.18	-1.44	1025.07				

STATION: 86045 DATE: 30 July

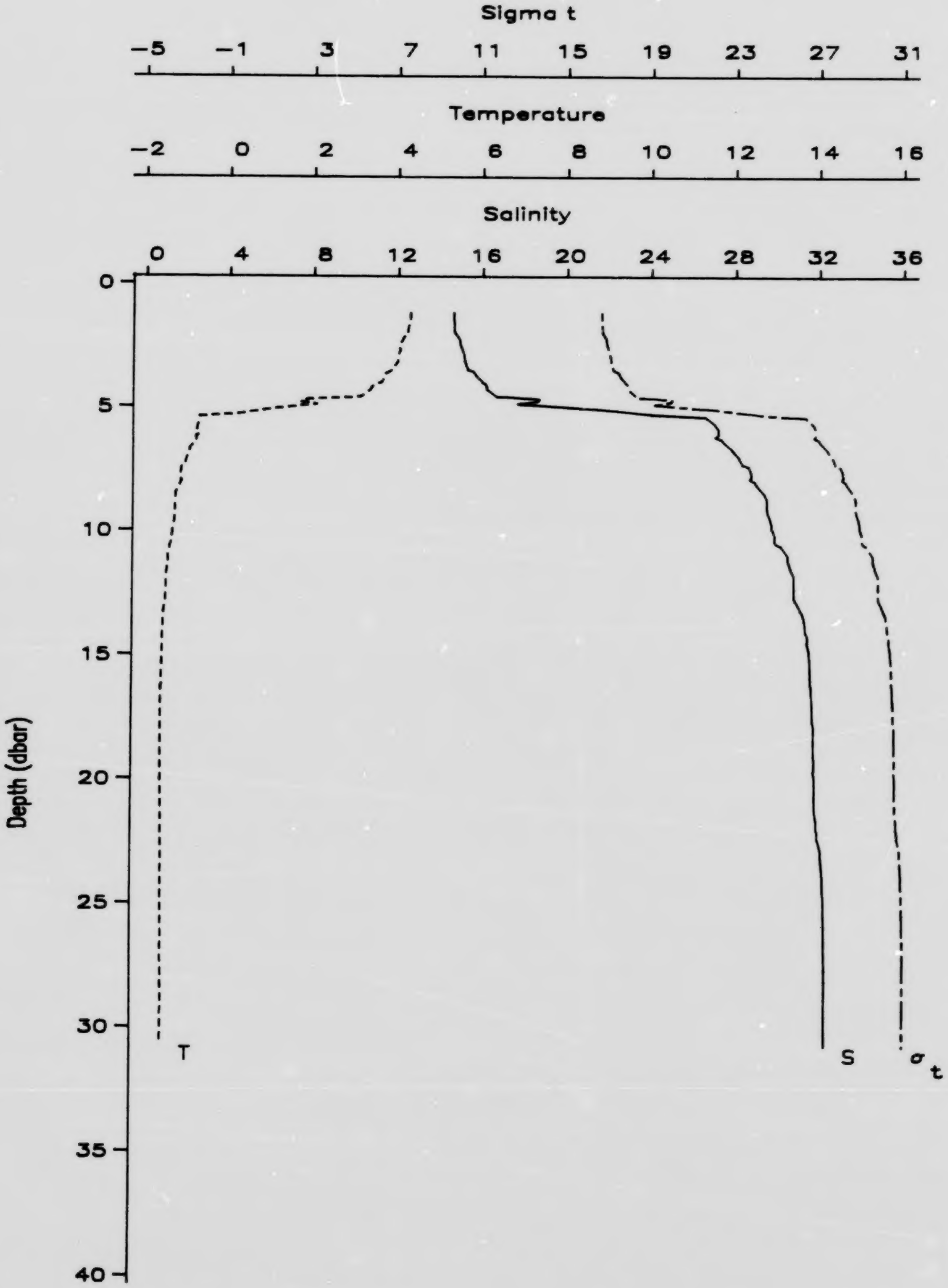

Table A1.44. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86045, July 30, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
1.2	14.63	4.26	1011.61	8.5	29.33	-1.30	1023.57	16.4	31.63	-1.62	1025.44
1.5	14.62	4.25	1011.60	8.7	29.46	-1.31	1023.67	16.8	31.67	-1.62	1025.47
1.6	14.66	4.24	1011.63	9.0	29.48	-1.31	1023.69	17.0	31.68	-1.62	1025.48
1.9	14.66	4.20	1011.63	9.1	29.46	-1.30	1023.67	17.5	31.70	-1.62	1025.49
2.0	14.67	4.20	1011.64	9.3	29.51	-1.32	1023.71	17.6	31.70	-1.62	1025.49
2.1	14.75	4.15	1011.71	9.5	29.62	-1.32	1023.80	17.7	31.70	-1.62	1025.49
2.2	14.85	4.11	1011.79	9.6	29.64	-1.32	1023.82	17.9	31.75	-1.62	1025.54
2.3	14.91	4.08	1011.84	9.8	29.70	-1.35	1023.87	18.1	31.75	-1.62	1025.54
2.5	14.94	4.01	1011.86	9.9	29.70	-1.36	1023.87	18.4	31.74	-1.62	1025.53
2.6	14.99	4.01	1011.90	10.0	29.76	-1.37	1023.92	18.5	31.75	-1.62	1025.54
2.7	15.02	4.04	1011.93	10.2	29.84	-1.38	1023.98	18.9	31.76	-1.62	1025.54
2.8	15.08	4.00	1011.98	10.4	29.84	-1.38	1023.98	19.1	31.76	-1.62	1025.54
3.1	15.16	3.97	1012.04	10.5	29.90	-1.40	1024.03	19.2	31.78	-1.62	1025.56
3.2	15.17	3.96	1012.05	10.6	30.12	-1.42	1024.21	19.4	31.77	-1.62	1025.55
3.5	15.30	3.85	1012.16	11.0	30.48	-1.47	1024.50	19.5	31.78	-1.61	1025.56
3.6	15.58	3.75	1012.38	11.1	30.48	-1.46	1024.50	19.6	31.78	-1.62	1025.56
3.7	15.65	3.64	1012.45	11.2	30.46	-1.46	1024.48	19.7	31.75	-1.61	1025.53
3.8	15.73	3.64	1012.51	11.3	30.52	-1.47	1024.53	20.0	31.80	-1.62	1025.58
4.0	15.98	3.59	1012.71	11.5	30.60	-1.49	1024.60	20.2	31.81	-1.62	1025.58
4.1	16.14	3.45	1012.84	11.6	30.65	-1.49	1024.64	20.5	31.81	-1.61	1025.58
4.2	16.19	3.35	1012.89	11.8	30.77	-1.51	1024.74	20.7	31.81	-1.61	1025.58
4.3	16.21	3.33	1012.90	12.3	30.78	-1.51	1024.75	20.8	31.81	-1.61	1025.58
4.6	16.66	3.09	1013.27	12.6	30.79	-1.52	1024.75	21.0	31.82	-1.61	1025.59
4.7	18.71	1.86	1014.95	12.7	30.79	-1.52	1024.75	21.1	31.82	-1.61	1025.59
4.8	18.57	1.68	1014.84	12.8	30.84	-1.52	1024.79	21.2	31.82	-1.61	1025.59
4.9	17.65	2.07	1014.09	13.0	30.98	-1.54	1024.91	21.5	31.86	-1.60	1025.62
5.1	21.48	0.96	1017.19	13.2	31.09	-1.56	1025.00	21.7	31.90	-1.61	1025.66
5.3	23.96	0.16	1019.20	13.3	31.16	-1.57	1025.06	22.0	31.91	-1.60	1025.66
5.4	26.56	-0.76	1021.31	13.4	31.21	-1.57	1025.10	22.1	31.96	-1.60	1025.71
5.7	27.01	-0.77	1021.68	13.6	31.26	-1.58	1025.14	22.2	31.96	-1.59	1025.71
5.9	27.16	-0.80	1021.80	13.8	31.31	-1.58	1025.18	22.3	31.93	-1.59	1025.68
6.1	27.14	-0.73	1021.78	14.1	31.35	-1.59	1025.21	22.4	31.96	-1.59	1025.71
6.2	27.02	-0.82	1021.69	14.2	31.41	-1.59	1025.26	22.6	32.05	-1.59	1025.78
6.3	27.30	-0.80	1021.91	14.3	31.43	-1.59	1025.27	22.7	32.07	-1.59	1025.79
6.4	27.40	-0.83	1021.99	14.4	31.41	-1.59	1025.26	22.8	32.10	-1.59	1025.82
6.7	27.80	-0.97	1022.32	14.5	31.40	-1.59	1025.25	22.9	32.12	-1.59	1025.84
6.8	27.89	-0.97	1022.39	14.7	31.47	-1.60	1025.31	23.1	32.13	-1.59	1025.84
7.0	28.11	-1.02	1022.57	14.8	31.50	-1.60	1025.33	23.2	32.14	-1.58	1025.85
7.3	28.29	-1.08	1022.72	14.9	31.52	-1.60	1025.35	23.3	32.15	-1.59	1025.86
7.4	28.59	-1.15	1022.96	15.2	31.56	-1.60	1025.38	23.4	32.16	-1.59	1025.87
7.5	28.65	-1.17	1023.01	15.5	31.57	-1.61	1025.39	23.5	32.17	-1.59	1025.88
7.6	28.71	-1.17	1023.06	15.8	31.59	-1.61	1025.41	23.7	32.20	-1.59	1025.90
7.8	28.74	-1.19	1023.09	15.9	31.59	-1.61	1025.41	23.9	32.22	-1.59	1025.92
7.9	28.66	-1.18	1023.02	16.0	31.60	-1.62	1025.41	24.2	32.23	-1.59	1025.92
8.0	28.87	-1.15	1023.19	16.2	31.60	-1.61	1025.41	24.3	32.23	-1.59	1025.92
8.1	28.94	-1.18	1023.25	16.3	31.63	-1.62	1025.44	24.4	32.24	-1.59	1025.93

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Table A1.44. Station 86045 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
24.5	32.23	-1.59	1025.92	26.9	32.31	-1.58	1025.99	28.7	32.34	-1.58	1026.01
25.0	32.28	-1.59	1025.96	27.0	32.32	-1.58	1026.00	29.2	32.33	-1.58	1026.01
25.3	32.28	-1.59	1025.96	27.1	32.32	-1.59	1026.00	29.5	32.33	-1.59	1026.01
25.4	32.28	-1.59	1025.96	27.4	32.33	-1.58	1026.01	29.8	32.34	-1.58	1026.01
25.5	32.28	-1.59	1025.96	27.6	32.33	-1.58	1026.01	30.0	32.34	-1.58	1026.01
25.6	32.29	-1.58	1025.97	28.0	32.34	-1.58	1026.01	30.1	32.34	-1.58	1026.01
25.9	32.29	-1.58	1025.97	28.1	32.33	-1.59	1026.01	30.2	32.34	-1.58	1026.01
26.3	32.30	-1.58	1025.98	28.2	32.34	-1.58	1026.01	30.3	32.35	-1.59	1026.02
26.5	32.31	-1.59	1025.99	28.4	32.34	-1.58	1026.01	30.5	32.35	-1.59	1026.02
26.6	32.30	-1.58	1025.98	28.5	32.34	-1.58	1026.01	30.7	32.34	-1.58	1026.01
26.7	32.30	-1.59	1025.98	28.6	32.34	-1.58	1026.01				

STATION: 86A46 DATE: 31 July

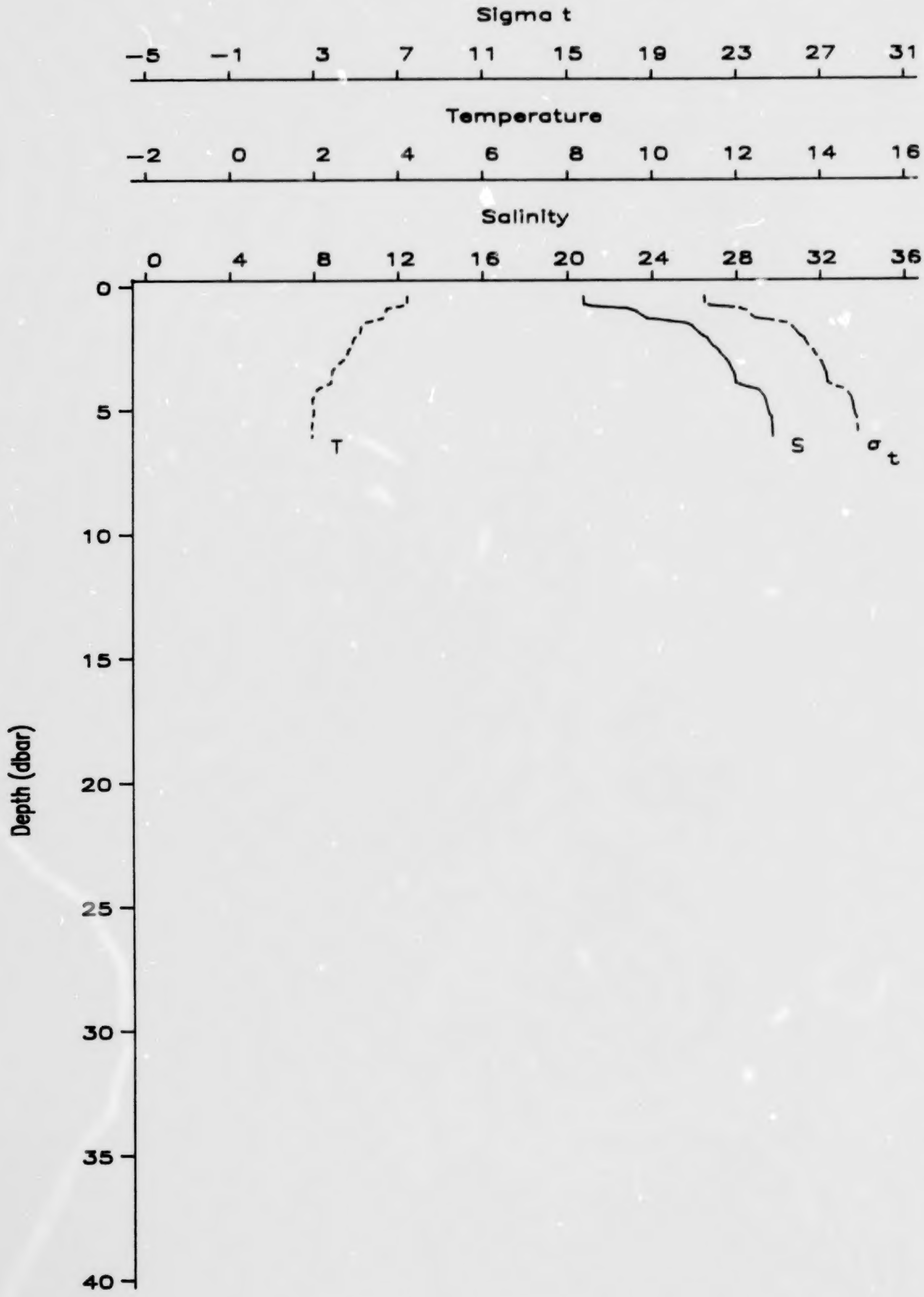

Table A1.45. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86A46, July 31, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	20.75	4.19	1016.46	2.6	27.14	2.78	1021.63	4.6	29.35	1.93	1023.45
0.7	20.78	4.18	1016.48	2.7	27.21	2.77	1021.69	4.7	29.38	1.94	1023.48
0.8	21.17	4.07	1016.80	2.9	27.41	2.71	1021.85	4.8	29.41	1.96	1023.50
0.9	22.85	3.71	1018.16	3.0	27.52	2.66	1021.94	5.0	29.46	1.97	1023.54
1.0	23.22	3.68	1018.45	3.1	27.61	2.59	1022.02	5.1	29.50	1.97	1023.57
1.3	23.74	3.60	1018.87	3.2	27.68	2.50	1022.08	5.2	29.53	1.96	1023.59
1.4	24.74	3.35	1019.68	3.4	27.77	2.42	1022.16	5.3	29.63	1.92	1023.68
1.5	25.65	3.14	1020.42	3.5	27.85	2.40	1022.22	5.4	29.62	1.93	1023.67
1.6	25.87	3.10	1020.60	3.6	27.90	2.39	1022.26	5.6	29.66	1.92	1023.70
1.9	26.23	3.06	1020.89	3.7	27.91	2.38	1022.27	5.7	29.67	1.91	1023.71
2.0	26.36	3.00	1021.00	3.9	27.94	2.37	1022.30	5.8	29.67	1.94	1023.71
2.1	26.59	2.93	1021.18	4.0	28.15	2.27	1022.47	6.0	29.69	1.93	1023.72
2.2	26.67	2.90	1021.25	4.1	28.55	2.11	1022.80	6.1	29.66	1.91	1023.70
2.4	26.83	2.88	1021.38	4.2	29.02	2.04	1023.18				
2.5	27.01	2.84	1021.52	4.5	29.31	1.95	1023.42				

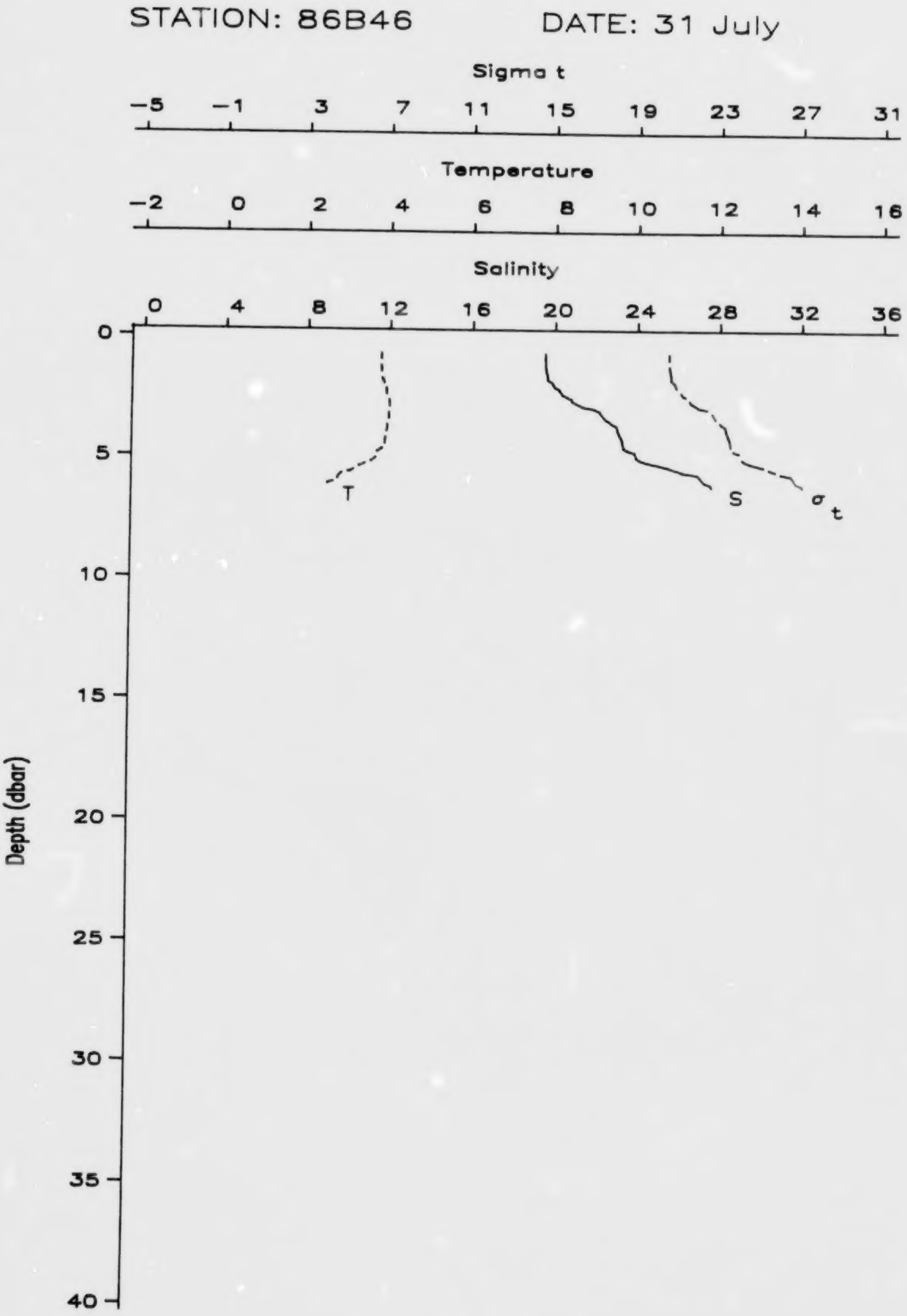
STATION: 86B46
DATE: 31 July
Sigma t
-5 -1 3 7 11 15 19 23 27 31
Temperature
-2 0 2 4 6 8 10 12 14 16
Salinity
0 4 8 12 16 20 24 28 32 36
0 5 10 15 20 25 30 35 40
Depth (dbar)
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Table A1.46. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86B46, July 31, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.7	19.51	3.75	1015.50	2.6	20.77	3.95	1016.49	4.6	23.31	3.83	1018.51
0.9	19.51	3.75	1015.50	2.7	20.82	3.97	1016.53	4.7	23.48	3.74	1018.65
1.0	19.51	3.75	1015.50	2.9	21.28	3.97	1016.89	4.8	23.84	3.66	1018.95
1.1	19.53	3.75	1015.52	3.0	21.87	3.97	1017.36	5.0	23.93	3.65	1019.02
1.3	19.53	3.76	1015.52	3.1	22.13	3.95	1017.57	5.1	24.08	3.58	1019.14
1.5	19.57	3.77	1015.55	3.4	22.39	3.94	1017.78	5.2	24.43	3.51	1019.42
1.6	19.62	3.77	1015.59	3.5	22.59	3.93	1017.94	5.3	24.98	3.34	1019.87
1.8	19.64	3.79	1015.60	3.6	22.72	3.93	1018.04	5.4	25.46	3.22	1020.26
1.9	19.83	3.83	1015.75	3.7	22.95	3.90	1018.22	5.6	26.14	3.02	1020.82
2.0	19.89	3.82	1015.80	3.9	23.02	3.89	1018.28	5.7	26.89	2.78	1021.43
2.1	19.96	3.88	1015.85	4.0	23.08	3.88	1018.33	5.8	27.01	2.73	1021.53
2.2	20.15	3.89	1016.00	4.1	23.13	3.88	1018.37	6.0	27.20	2.67	1021.69
2.4	20.32	3.89	1016.14	4.2	23.20	3.86	1018.42	6.1	27.51	2.48	1021.95
2.5	20.53	3.92	1016.30	4.3	23.24	3.85	1018.46	6.2	27.59	2.39	1022.02

STATION: 86047 DATE: 31 July

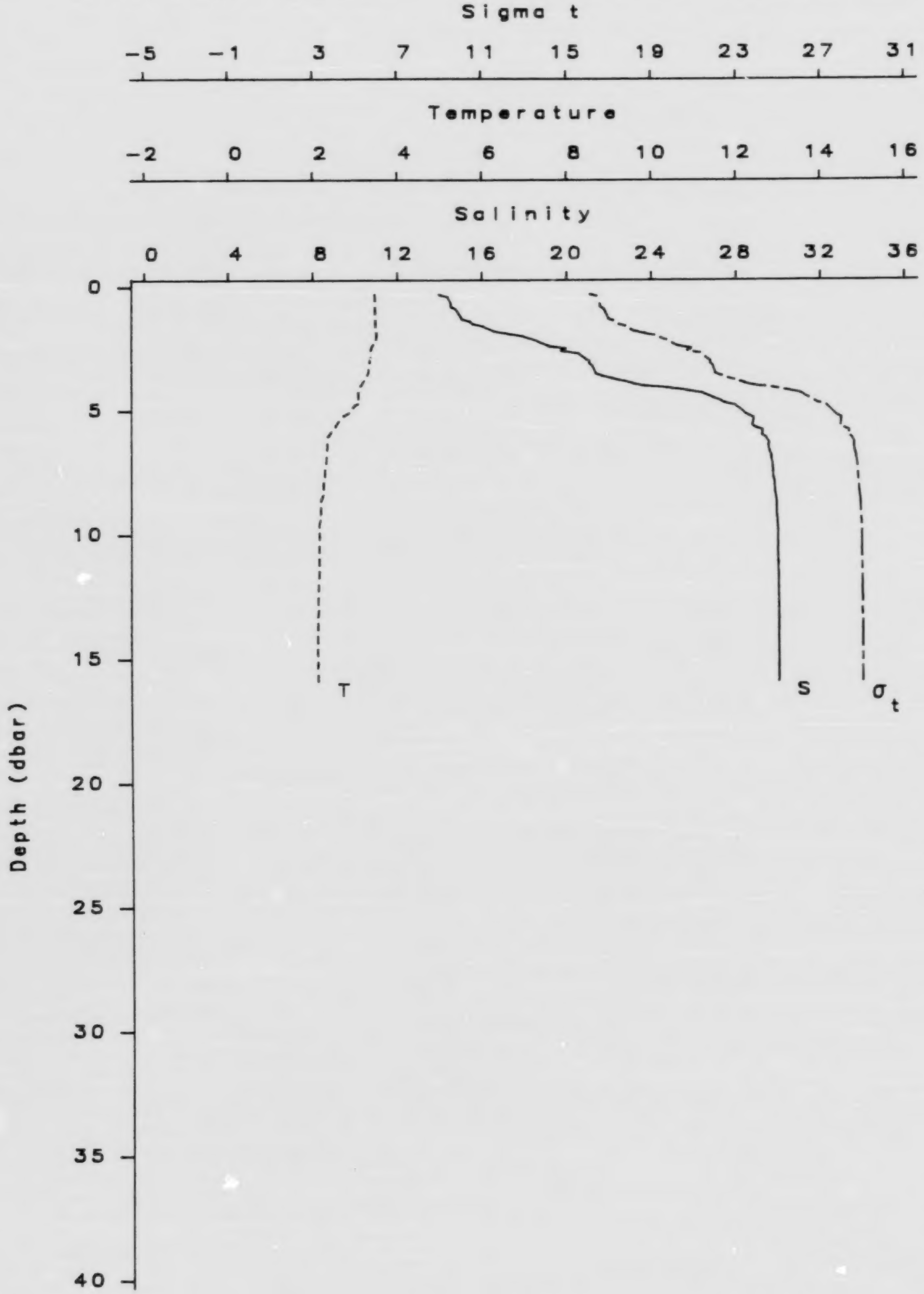

Table A1.47. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86047, July 31, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	13.97	3.44	1011.12	5.3	28.78	2.64	1022.95	11.0	29.94	2.12	1023.91
0.4	14.37	3.46	1011.44	5.6	28.72	2.53	1022.91	11.1	29.93	2.12	1023.90
0.7	14.54	3.45	1011.57	5.7	28.87	2.49	1023.03	11.4	29.93	2.13	1023.90
0.8	14.55	3.45	1011.58	5.8	29.21	2.43	1023.31	11.5	29.95	2.12	1023.92
0.9	14.76	3.46	1011.75	6.0	29.17	2.37	1023.28	11.7	29.94	2.11	1023.91
1.0	14.84	3.46	1011.81	6.1	29.37	2.31	1023.44	11.9	29.95	2.10	1023.92
1.3	15.05	3.46	1011.98	6.3	29.54	2.31	1023.58	12.0	29.95	2.10	1023.92
1.4	15.42	3.46	1012.27	6.4	29.49	2.32	1023.54	12.1	29.92	2.11	1023.90
1.5	15.55	3.46	1012.37	6.6	29.53	2.31	1023.57	12.2	29.93	2.10	1023.91
1.6	16.05	3.46	1012.77	6.7	29.57	2.29	1023.60	12.4	29.94	2.10	1023.91
1.8	16.53	3.47	1013.15	6.8	29.63	2.29	1023.65	12.5	29.95	2.10	1023.92
1.9	17.19	3.50	1013.67	6.9	29.63	2.30	1023.65	12.6	29.96	2.09	1023.93
2.0	17.92	3.49	1014.25	7.2	29.70	2.28	1023.71	12.9	29.94	2.10	1023.91
2.2	18.61	3.46	1014.80	7.3	29.71	2.27	1023.72	13.0	29.94	2.10	1023.91
2.4	19.14	3.38	1015.23	7.4	29.72	2.26	1023.73	13.1	29.93	2.10	1023.91
2.5	19.96	3.36	1015.88	7.7	29.73	2.27	1023.73	13.2	29.95	2.10	1023.92
2.6	19.71	3.34	1015.68	7.8	29.76	2.25	1023.76	13.3	29.94	2.08	1023.91
2.7	20.56	3.36	1016.36	7.9	29.79	2.23	1023.78	13.5	29.96	2.08	1023.93
2.9	20.85	3.35	1016.59	8.0	29.79	2.23	1023.78	13.6	29.94	2.09	1023.91
3.0	21.04	3.32	1016.74	8.2	29.81	2.23	1023.80	13.7	29.94	2.09	1023.91
3.1	21.07	3.31	1016.77	8.3	29.80	2.24	1023.79	13.8	29.95	2.09	1023.92
3.2	21.21	3.30	1016.88	8.5	29.84	2.20	1023.83	14.0	29.95	2.09	1023.92
3.5	21.36	3.28	1017.00	8.6	29.87	2.17	1023.85	14.1	29.94	2.08	1023.91
3.6	21.63	3.26	1017.22	8.8	29.88	2.16	1023.86	14.2	29.94	2.09	1023.91
3.7	22.08	3.23	1017.57	9.0	29.88	2.16	1023.86	14.3	29.94	2.09	1023.91
3.9	23.07	3.15	1018.37	9.2	29.88	2.16	1023.86	14.4	29.94	2.09	1023.91
4.0	23.61	3.11	1018.80	9.3	29.89	2.17	1023.87	14.6	29.94	2.08	1023.91
4.1	24.86	3.06	1019.80	9.4	29.91	2.15	1023.89	14.7	29.95	2.08	1023.92
4.2	25.67	3.05	1020.44	9.7	29.93	2.12	1023.90	15.0	29.95	2.08	1023.92
4.3	26.38	3.05	1021.01	9.9	29.93	2.12	1023.90	15.1	29.95	2.08	1023.92
4.5	26.89	3.06	1021.41	10.1	29.91	2.14	1023.89	15.2	29.94	2.10	1023.91
4.6	27.21	3.07	1021.67	10.3	29.93	2.12	1023.90	15.3	29.95	2.08	1023.92
4.7	27.41	3.08	1021.83	10.5	29.92	2.12	1023.90	15.6	29.93	2.09	1023.91
4.8	27.93	2.97	1022.25	10.6	29.92	2.13	1023.90	15.7	29.93	2.09	1023.91
5.1	28.37	2.83	1022.61	10.8	29.92	2.13	1023.90	15.8	29.93	2.09	1023.91
5.2	28.54	2.74	1022.75	10.9	29.93	2.13	1023.90	15.9	29.91	2.10	1023.89

STATION: 86048 DATE: 01 August

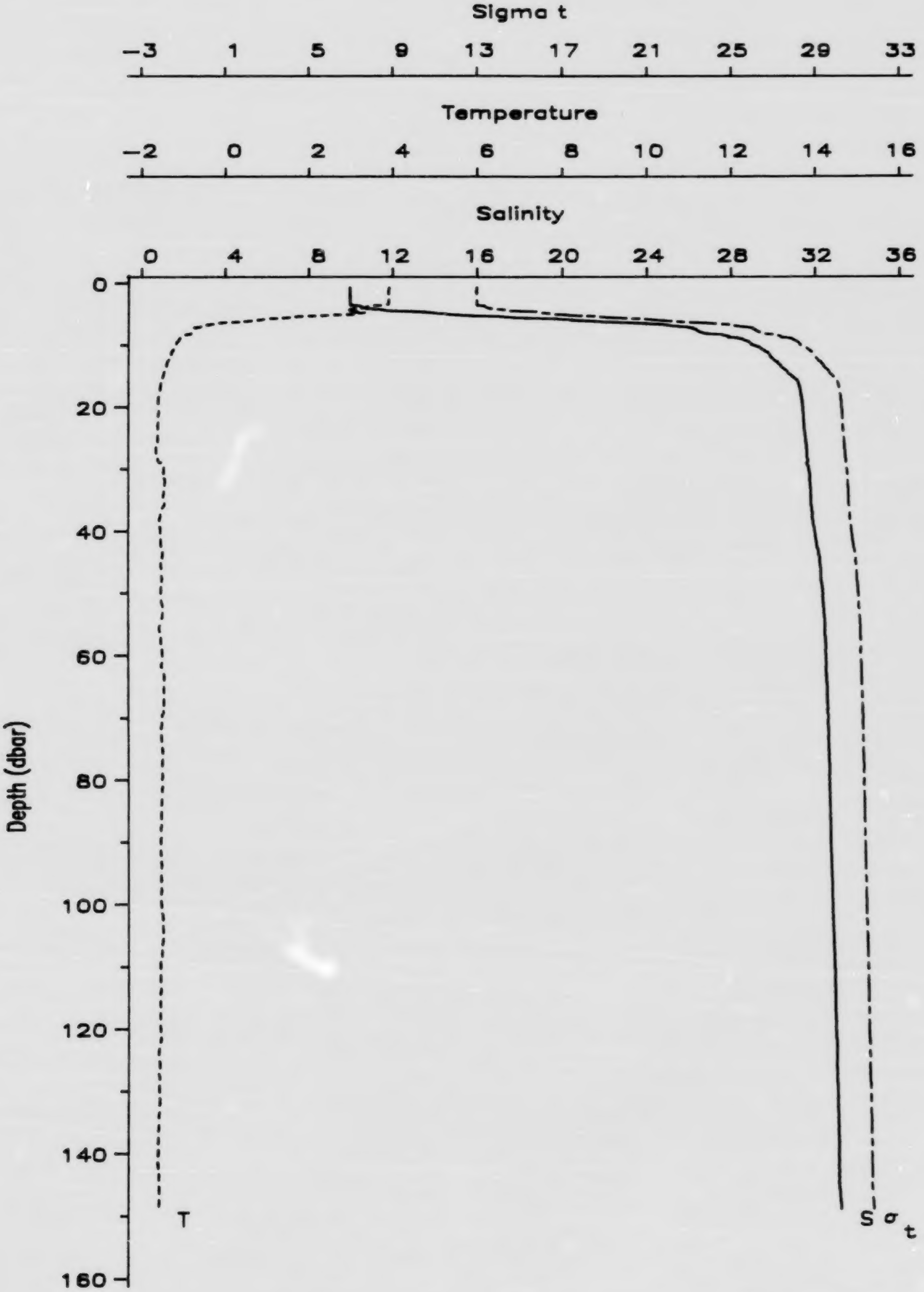

Table A1.48. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86048, August 1, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.7	9.96	3.88	1007.92	7.4	26.20	-0.79	1021.02	14.7	30.76	-1.49	1024.73
0.8	9.96	3.88	1007.92	7.5	26.30	-0.79	1021.10	14.8	30.81	-1.49	1024.77
0.9	9.95	3.88	1007.91	7.8	26.42	-0.80	1021.20	15.0	30.88	-1.49	1024.83
1.0	9.96	3.88	1007.92	7.9	26.50	-0.82	1021.27	15.2	30.95	-1.51	1024.88
1.3	9.96	3.87	1007.92	8.2	26.76	-0.85	1021.48	15.3	30.97	-1.51	1024.90
1.4	9.96	3.87	1007.92	8.4	27.57	-0.9[illegible]	1022.13	15.4	31.01	-1.51	1024.93
1.6	9.96	3.87	1007.92	8.6	27.84	-1.06	1022.35	15.6	31.09	-1.52	1025.00
1.8	9.96	3.87	1007.92	8.8	27.86	-1.07	1022.37	15.7	31.14	-1.53	1025.04
1.9	9.96	3.88	1007.92	8.9	28.28	-1.10	1022.71	15.8	31.15	-1.53	1025.05
2.0	9.96	3.88	1007.92	9.0	28.48	-1.11	1022.87	15.9	31.16	-1.54	1025.05
2.1	9.96	3.87	1007.92	9.2	28.59	-1.12	1022.96	16.1	31.18	-1.54	1025.07
2.2	9.95	3.88	1007.91	9.4	28.73	-1.13	1023.08	16.2	31.18	-1.55	1025.07
2.4	9.96	3.88	1007.92	9.5	28.85	-1.17	1023.17	16.3	31.20	-1.55	1025.09
2.5	9.96	3.88	1007.92	9.9	28.95	-1.19	1023.26	16.4	31.20	-1.55	1025.09
2.6	9.96	3.88	1007.92	10.0	28.94	-1.21	1023.25	16.5	31.22	-1.55	1025.10
2.9	9.96	3.88	1007.92	10.1	29.09	-1.21	1023.37	16.7	31.23	-1.56	1025.11
3.1	9.96	3.87	1007.92	10.3	29.25	-1.22	1023.50	17.0	31.26	-1.57	1025.14
3.2	9.96	3.87	1007.92	10.4	29.32	-1.23	1023.56	17.2	31.25	-1.56	1025.13
3.4	9.97	3.86	1007.93	10.6	29.41	-1.24	1023.63	17.3	31.26	-1.57	1025.14
3.5	9.99	3.81	1007.95	10.8	29.48	-1.25	1023.69	17.4	31.28	-1.58	1025.15
3.6	10.03	3.75	1007.98	10.9	29.55	-1.27	1023.74	17.5	31.28	-1.58	1025.15
3.7	10.44	3.42	1008.31	11.0	29.58	-1.27	1023.77	17.6	31.28	-1.58	1025.15
4.1	10.68	3.23	1008.51	11.1	29.61	-1.29	1023.79	17.8	31.30	-1.58	1025.17
4.2	11.04	3.07	1008.80	11.2	29.73	-1.30	1023.89	17.9	31.30	-1.58	1025.17
4.3	11.44	2.96	1009.12	11.4	29.78	-1.30	1023.93	18.0	31.31	-1.59	1025.18
4.5	11.86	2.90	1009.46	11.6	29.83	-1.31	1023.97	18.2	31.30	-1.59	1025.17
4.6	12.58	2.91	1010.03	11.9	29.85	-1.31	1023.99	18.3	31.31	-1.59	1025.18
4.7	13.51	3.08	1010.77	12.0	29.87	-1.32	1024.00	18.4	31.33	-1.60	1025.19
4.8	13.81	3.32	1011.00	12.1	29.91	-1.32	1024.04	18.5	31.34	-1.61	1025.20
5.1	14.65	2.99	1011.68	12.2	29.95	-1.32	1024.07	18.7	31.34	-1.61	1025.20
5.2	15.21	2.54	1012.13	12.4	30.00	-1.36	1024.11	18.8	31.34	-1.61	1025.20
5.3	15.78	2.21	1012.60	12.6	30.06	-1.39	1024.16	18.9	31.34	-1.61	1025.20
5.4	17.05	1.76	1013.62	12.7	30.19	-1.40	1024.26	19.0	31.37	-1.61	1025.23
5.6	17.62	1.47	1014.09	12.9	30.18	-1.40	1024.26	19.1	31.37	-1.61	1025.23
5.7	18.34	1.29	1014.67	13.0	30.22	-1.41	1024.29	19.4	31.36	-1.61	1025.22
5.8	19.60	1.00	1015.68	13.1	30.27	-1.41	1024.33	19.5	31.38	-1.60	1025.23
6.0	20.44	0.77	1016.36	13.2	30.33	-1.42	1024.38	19.8	31.38	-1.61	1025.23
6.1	20.93	0.65	1016.75	13.3	30.35	-1.42	1024.39	19.9	31.37	-1.61	1025.23
6.3	21.96	0.36	1017.59	13.5	30.35	-1.42	1024.39	20.0	31.38	-1.61	1025.23
6.4	22.73	-0.06	1018.21	13.6	30.40	-1.42	1024.44	20.1	31.39	-1.60	1025.24
6.6	23.95	-0.24	1019.20	13.7	30.44	-1.44	1024.47	20.2	31.39	-1.60	1025.24
6.7	24.60	-0.37	1019.73	13.8	30.48	-1.44	1024.50	20.4	31.40	-1.60	1025.25
6.8	24.89	-0.45	1019.96	14.0	30.56	-1.45	1024.57	20.5	31.40	-1.60	1025.25
7.1	25.56	-0.63	1020.50	14.2	30.64	-1.46	1024.63	20.6	31.40	-1.60	1025.25
7.2	25.98	-0.73	1020.85	14.4	30.68	-1.48	1024.66	20.9	31.40	-1.60	1025.25
7.3	26.14	-0.79	1020.98	14.6	30.71	-1.48	1024.69	21.0	31.40	-1.60	1025.25

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.1	31.40	-1.61	1025.25	27.2	31.56	-1.65	1025.38	34.1	31.75	-1.48	1025.53
21.2	31.41	-1.60	1025.26	27.3	31.57	-1.65	1025.39	34.2	31.75	-1.48	1025.53
21.4	31.41	-1.61	1025.26	27.4	31.56	-1.64	1025.38	34.3	31.75	-1.49	1025.53
21.5	31.41	-1.61	1025.26	27.7	31.57	-1.64	1025.39	34.4	31.75	-1.48	1025.53
21.6	31.41	-1.61	1025.26	27.9	31.58	-1.63	1025.40	34.5	31.75	-1.49	1025.53
21.9	31.41	-1.61	1025.26	28.0	31.57	-1.61	1025.39	34.7	31.73	-1.48	1025.52
22.0	31.42	-1.61	1025.27	28.1	31.56	-1.61	1025.38	34.8	31.73	-1.46	1025.52
22.1	31.42	-1.61	1025.27	28.3	31.59	-1.61	1025.41	34.9	31.73	-1.46	1025.52
22.2	31.42	-1.62	1025.27	28.5	31.62	-1.61	1025.43	35.3	31.73	-1.45	1025.52
22.3	31.43	-1.62	1025.28	28.6	31.62	-1.61	1025.43	35.4	31.74	-1.45	1025.52
22.5	31.42	-1.61	1025.27	28.9	31.61	-1.59	1025.42	35.5	31.75	-1.45	1025.53
22.6	31.43	-1.62	1025.28	29.1	31.54	-1.51	1025.36	35.6	31.74	-1.45	1025.52
22.7	31.43	-1.61	1025.28	29.2	31.54	-1.47	1025.36	35.8	31.75	-1.46	1025.53
22.8	31.44	-1.61	1025.28	29.4	31.59	-1.46	1025.40	35.9	31.75	-1.47	1025.53
23.1	31.44	-1.62	1025.28	29.5	31.61	-1.47	1025.42	36.0	31.78	-1.48	1025.56
23.2	31.44	-1.61	1025.28	29.6	31.63	-1.46	1025.43	36.1	31.77	-1.49	1025.55
23.3	31.44	-1.61	1025.28	29.7	31.65	-1.46	1025.45	36.5	31.80	-1.53	1025.57
23.4	31.44	-1.61	1025.28	30.0	31.65	-1.47	1025.45	36.8	31.79	-1.54	1025.57
23.6	31.45	-1.60	1025.29	30.1	31.67	-1.47	1025.47	36.9	31.80	-1.54	1025.57
23.7	31.46	-1.60	1025.30	30.2	31.67	-1.47	1025.47	37.0	31.83	-1.56	1025.60
23.8	31.46	-1.60	1025.30	30.4	31.66	-1.47	1025.46	37.3	31.81	-1.56	1025.58
23.9	31.46	-1.60	1025.30	30.5	31.67	-1.48	1025.47	37.4	31.81	-1.56	1025.58
24.1	31.47	-1.61	1025.31	30.6	31.69	-1.48	1025.48	37.5	31.82	-1.56	1025.59
24.2	31.47	-1.61	1025.31	30.7	31.69	-1.48	1025.48	37.6	31.81	-1.56	1025.58
24.3	31.48	-1.62	1025.32	30.9	31.68	-1.47	1025.48	37.8	31.82	-1.56	1025.59
24.4	31.48	-1.62	1025.32	31.0	31.70	-1.48	1025.49	37.9	31.82	-1.57	1025.59
24.6	31.48	-1.62	1025.32	31.2	31.71	-1.50	1025.50	38.1	31.83	-1.58	1025.60
24.7	31.49	-1.62	1025.32	31.3	31.71	-1.50	1025.50	38.2	31.83	-1.58	1025.60
24.8	31.48	-1.62	1025.32	31.5	31.69	-1.48	1025.48	38.4	31.84	-1.58	1025.61
24.9	31.51	-1.62	1025.34	31.6	31.66	-1.44	1025.46	38.5	31.86	-1.58	1025.62
25.1	31.50	-1.62	1025.33	31.7	31.67	-1.43	1025.47	38.6	31.85	-1.58	1025.62
25.2	31.51	-1.62	1025.34	31.8	31.69	-1.44	1025.48	38.7	31.85	-1.58	1025.62
25.4	31.52	-1.62	1025.35	32.0	31.70	-1.44	1025.49	38.9	31.86	-1.57	1025.62
25.5	31.52	-1.62	1025.35	32.2	31.71	-1.45	1025.50	39.0	31.86	-1.57	1025.62
25.7	31.52	-1.61	1025.35	32.4	31.72	-1.46	1025.51	39.2	31.89	-1.57	1025.65
25.8	31.52	-1.62	1025.35	32.6	31.72	-1.46	1025.51	39.4	31.90	-1.57	1025.66
25.9	31.54	-1.63	1025.36	32.7	31.72	-1.46	1025.51	39.5	31.91	-1.56	1025.66
26.0	31.54	-1.63	1025.36	32.8	31.72	-1.47	1025.51	39.6	31.91	-1.56	1025.66
26.2	31.55	-1.64	1025.37	32.9	31.74	-1.47	1025.52	39.7	31.91	-1.56	1025.66
26.3	31.55	-1.64	1025.37	33.1	31.74	-1.48	1025.52	39.9	31.90	-1.56	1025.66
26.4	31.55	-1.65	1025.37	33.2	31.74	-1.48	1025.52	40.0	31.91	-1.55	1025.66
26.5	31.55	-1.66	1025.37	33.3	31.74	-1.48	1025.52	40.1	31.93	-1.55	1025.68
26.6	31.55	-1.66	1025.37	33.4	31.75	-1.48	1025.53	40.3	31.93	-1.55	1025.68
26.8	31.55	-1.66	1025.37	33.7	31.75	-1.48	1025.53	40.6	31.96	-1.55	1025.70
26.9	31.56	-1.65	1025.38	33.8	31.75	-1.48	1025.53	40.7	31.96	-1.54	1025.70
27.0	31.56	-1.66	1025.38	33.9	31.75	-1.48	1025.53	40.8	31.96	-1.54	1025.70

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
41.0	31.95	-1.54	1025.70	47.6	32.21	-1.51	1025.91	54.7	32.38	-1.54	1026.05
41.1	31.97	-1.54	1025.71	47.7	32.22	-1.52	1025.91	54.8	32.39	-1.55	1026.05
41.2	31.98	-1.54	1025.72	47.9	32.21	-1.51	1025.91	55.0	32.40	-1.56	1026.06
41.3	31.98	-1.54	1025.72	48.1	32.23	-1.51	1025.92	55.3	32.41	-1.58	1026.07
41.4	31.98	-1.53	1025.72	48.2	32.25	-1.51	1025.94	55.4	32.41	-1.58	1026.07
41.6	31.98	-1.53	1025.72	48.4	32.25	-1.51	1025.94	55.5	32.41	-1.58	1026.07
41.7	32.00	-1.53	1025.74	48.5	32.27	-1.53	1025.96	55.6	32.41	-1.58	1026.07
41.8	32.00	-1.53	1025.74	48.7	32.26	-1.53	1025.95	55.9	32.41	-1.58	1026.07
41.9	32.00	-1.53	1025.74	48.9	32.26	-1.53	1025.95	56.0	32.41	-1.57	1026.07
42.1	32.02	-1.53	1025.75	49.0	32.27	-1.54	1025.96	56.1	32.39	-1.57	1026.05
42.2	32.01	-1.53	1025.74	49.2	32.28	-1.54	1025.96	56.2	32.40	-1.56	1026.06
42.3	32.02	-1.53	1025.75	49.5	32.29	-1.54	1025.97	56.5	32.40	-1.55	1026.06
42.4	32.02	-1.53	1025.75	49.6	32.29	-1.54	1025.97	56.7	32.41	-1.55	1026.07
42.7	32.04	-1.52	1025.77	49.7	32.29	-1.54	1025.97	56.9	32.41	-1.53	1026.07
42.8	32.04	-1.52	1025.77	49.8	32.29	-1.54	1025.97	57.0	32.42	-1.53	1026.08
42.9	32.09	-1.50	1025.81	50.0	32.29	-1.54	1025.97	57.1	32.42	-1.54	1026.08
43.2	32.11	-1.49	1025.82	50.1	32.30	-1.55	1025.98	57.2	32.42	-1.54	1026.08
43.3	32.11	-1.49	1025.82	50.3	32.30	-1.55	1025.98	57.4	32.42	-1.53	1026.08
43.4	32.10	-1.49	1025.82	50.4	32.30	-1.55	1025.98	57.5	32.42	-1.54	1026.08
43.5	32.09	-1.49	1025.81	50.6	32.30	-1.55	1025.98	57.6	32.43	-1.53	1026.09
43.7	32.09	-1.49	1025.81	50.7	32.30	-1.55	1025.98	57.7	32.42	-1.53	1026.08
43.8	32.10	-1.49	1025.82	50.8	32.29	-1.54	1025.97	58.0	32.43	-1.53	1026.09
43.9	32.12	-1.49	1025.83	50.9	32.29	-1.54	1025.97	58.1	32.42	-1.53	1026.08
44.2	32.14	-1.51	1025.85	51.1	32.30	-1.54	1025.98	58.2	32.42	-1.53	1026.08
44.3	32.16	-1.51	1025.87	51.2	32.32	-1.53	1026.00	58.5	32.43	-1.53	1026.09
44.5	32.16	-1.49	1025.87	51.3	32.32	-1.53	1026.00	58.6	32.43	-1.53	1026.09
44.7	32.15	-1.49	1025.86	51.4	32.32	-1.53	1026.00	58.8	32.44	-1.53	1026.09
44.8	32.15	-1.49	1025.86	51.6	32.32	-1.51	1026.00	59.0	32.43	-1.51	1026.08
44.9	32.14	-1.49	1025.85	51.7	32.32	-1.51	1026.00	59.1	32.43	-1.51	1026.08
45.0	32.15	-1.51	1025.86	51.8	32.33	-1.50	1026.00	59.2	32.41	-1.51	1026.07
45.1	32.17	-1.54	1025.87	52.1	32.33	-1.49	1026.00	59.3	32.42	-1.51	1026.08
45.3	32.18	-1.55	1025.88	52.2	32.33	-1.49	1026.00	59.4	32.42	-1.51	1026.08
45.5	32.18	-1.53	1025.88	52.3	32.34	-1.50	1026.01	59.6	32.42	-1.51	1026.08
45.8	32.19	-1.53	1025.89	52.4	32.34	-1.50	1026.01	59.7	32.41	-1.51	1026.07
45.9	32.20	-1.52	1025.90	52.6	32.35	-1.50	1026.02	59.9	32.43	-1.51	1026.08
46.0	32.21	-1.53	1025.91	52.7	32.35	-1.49	1026.02	60.2	32.44	-1.51	1026.09
46.1	32.20	-1.52	1025.90	52.8	32.35	-1.50	1026.02	60.3	32.44	-1.51	1026.09
46.3	32.21	-1.53	1025.91	53.0	32.35	-1.50	1026.02	60.5	32.45	-1.51	1026.10
46.5	32.21	-1.53	1025.91	53.3	32.35	-1.50	1026.02	60.6	32.44	-1.51	1026.09
46.6	32.21	-1.53	1025.91	53.5	32.36	-1.50	1026.03	60.7	32.44	-1.51	1026.09
46.9	32.22	-1.53	1025.91	53.7	32.36	-1.51	1026.03	60.9	32.44	-1.52	1026.09
47.0	32.22	-1.53	1025.91	53.8	32.37	-1.51	1026.04	61.1	32.46	-1.52	1026.11
47.1	32.21	-1.53	1025.91	54.0	32.37	-1.51	1026.04	61.3	32.45	-1.51	1026.10
47.2	32.22	-1.53	1025.91	54.1	32.37	-1.53	1026.04	61.4	32.46	-1.54	1026.11
47.4	32.22	-1.53	1025.91	54.4	32.39	-1.54	1026.05	61.6	32.46	-1.53	1026.11
47.5	32.22	-1.52	1025.91	54.5	32.38	-1.53	1026.04	61.8	32.46	-1.52	1026.11

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
61.9	32.45	-1.51	1026.10	68.8	32.50	-1.48	1026.14	76.5	32.60	-1.50	1026.22
62.0	32.45	-1.49	1026.10	68.9	32.51	-1.48	1026.15	76.7	32.60	-1.51	1026.22
62.3	32.46	-1.49	1026.11	69.1	32.50	-1.47	1026.14	76.8	32.59	-1.50	1026.21
62.4	32.46	-1.47	1026.11	69.2	32.51	-1.48	1026.15	77.0	32.61	-1.51	1026.23
62.7	32.46	-1.46	1026.11	69.3	32.51	-1.49	1026.15	77.2	32.61	-1.51	1026.23
62.8	32.46	-1.46	1026.11	69.6	32.57	-1.52	1026.20	77.3	32.61	-1.51	1026.23
62.9	32.47	-1.46	1026.12	69.8	32.55	-1.52	1026.18	77.4	32.59	-1.51	1026.21
63.0	32.47	-1.46	1026.12	70.1	32.56	-1.53	1026.19	77.6	32.62	-1.51	1026.24
63.1	32.47	-1.46	1026.12	70.3	32.55	-1.53	1026.18	77.7	32.61	-1.52	1026.23
63.3	32.45	-1.45	1026.10	70.4	32.55	-1.53	1026.18	77.8	32.61	-1.51	1026.23
63.4	32.47	-1.45	1026.12	70.6	32.55	-1.54	1026.18	77.9	32.61	-1.52	1026.23
63.5	32.48	-1.46	1026.12	70.8	32.56	-1.53	1026.19	78.3	32.61	-1.51	1026.23
63.7	32.49	-1.46	1026.13	70.9	32.56	-1.53	1026.19	78.5	32.61	-1.51	1026.23
63.8	32.48	-1.46	1026.12	71.0	32.55	-1.53	1026.18	78.7	32.60	-1.51	1026.22
64.0	32.49	-1.46	1026.13	71.3	32.56	-1.53	1026.19	78.9	32.61	-1.51	1026.23
64.1	32.48	-1.46	1026.12	71.4	32.57	-1.54	1026.20	79.2	32.62	-1.51	1026.24
64.3	32.48	-1.46	1026.12	71.5	32.56	-1.54	1026.19	79.3	32.60	-1.51	1026.22
64.4	32.48	-1.46	1026.12	71.7	32.56	-1.54	1026.19	79.4	32.61	-1.51	1026.23
64.6	32.49	-1.46	1026.13	71.8	32.56	-1.54	1026.19	79.6	32.61	-1.51	1026.23
64.9	32.50	-1.47	1026.14	72.0	32.56	-1.55	1026.19	79.9	32.62	-1.52	1026.24
65.0	32.50	-1.47	1026.14	72.1	32.56	-1.54	1026.19	80.0	32.61	-1.51	1026.23
65.4	32.50	-1.46	1026.14	72.4	32.58	-1.55	1026.21	80.2	32.62	-1.51	1026.24
65.5	32.50	-1.47	1026.14	72.5	32.58	-1.55	1026.21	80.3	32.62	-1.51	1026.24
65.6	32.51	-1.47	1026.15	72.7	32.58	-1.55	1026.21	80.4	32.62	-1.51	1026.24
65.9	32.51	-1.47	1026.15	72.8	32.57	-1.54	1026.20	80.5	32.61	-1.52	1026.23
66.0	32.51	-1.47	1026.15	72.9	32.57	-1.54	1026.20	80.7	32.61	-1.52	1026.23
66.1	32.51	-1.47	1026.15	73.1	32.55	-1.54	1026.18	80.8	32.62	-1.52	1026.24
66.3	32.50	-1.47	1026.14	73.3	32.55	-1.53	1026.18	80.9	32.62	-1.52	1026.24
66.5	32.50	-1.47	1026.14	73.5	32.57	-1.53	1026.20	81.0	32.60	-1.51	1026.22
66.6	32.51	-1.47	1026.15	73.8	32.57	-1.52	1026.20	81.1	32.61	-1.51	1026.23
66.7	32.51	-1.46	1026.15	73.9	32.58	-1.52	1026.21	81.3	32.62	-1.51	1026.24
66.9	32.51	-1.47	1026.15	74.1	32.58	-1.52	1026.21	81.4	32.62	-1.52	1026.24
67.0	32.52	-1.47	1026.16	74.2	32.57	-1.52	1026.20	81.5	32.62	-1.51	1026.24
67.1	32.50	-1.47	1026.14	74.4	32.57	-1.51	1026.20	81.7	32.60	-1.51	1026.22
67.2	32.51	-1.47	1026.15	74.5	32.56	-1.51	1026.19	81.8	32.62	-1.52	1026.24
67.3	32.51	-1.47	1026.15	74.7	32.58	-1.50	1026.21	81.9	32.60	-1.51	1026.22
67.5	32.50	-1.47	1026.14	75.0	32.58	-1.50	1026.21	82.0	32.63	-1.53	1026.25
67.6	32.52	-1.47	1026.16	75.1	32.58	-1.50	1026.21	82.1	32.63	-1.53	1026.25
67.7	32.53	-1.47	1026.17	75.2	32.58	-1.49	1026.21	82.4	32.62	-1.52	1026.24
67.8	32.52	-1.47	1026.16	75.3	32.59	-1.50	1026.21	82.5	32.63	-1.53	1026.25
68.0	32.53	-1.47	1026.17	75.5	32.59	-1.49	1026.21	82.6	32.64	-1.53	1026.26
68.1	32.54	-1.49	1026.17	75.6	32.58	-1.49	1026.21	82.8	32.64	-1.53	1026.26
68.2	32.54	-1.51	1026.17	75.9	32.60	-1.49	1026.22	82.9	32.63	-1.53	1026.25
68.3	32.53	-1.51	1026.17	76.0	32.60	-1.49	1026.22	83.0	32.64	-1.53	1026.26
68.4	32.55	-1.52	1026.18	76.1	32.59	-1.49	1026.21	83.1	32.63	-1.53	1026.25
68.7	32.52	-1.50	1026.16	76.3	32.60	-1.50	1026.22	83.2	32.64	-1.53	1026.26

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
83.5	32.64	-1.53	1026.26	90.1	32.67	-1.54	1026.28	97.1	32.76	-1.55	1026.35
83.6	32.64	-1.53	1026.26	90.3	32.69	-1.55	1026.30	97.2	32.74	-1.55	1026.34
83.7	32.64	-1.53	1026.26	90.4	32.67	-1.54	1026.28	97.4	32.76	-1.54	1026.35
84.0	32.64	-1.53	1026.26	90.5	32.69	-1.54	1026.30	97.6	32.74	-1.54	1026.34
84.1	32.65	-1.54	1026.26	90.7	32.68	-1.55	1026.29	97.7	32.75	-1.54	1026.35
84.2	32.65	-1.54	1026.26	90.8	32.69	-1.55	1026.30	97.8	32.74	-1.53	1026.34
84.3	32.65	-1.54	1026.26	91.0	32.70	-1.55	1026.31	97.9	32.75	-1.53	1026.35
84.5	32.65	-1.54	1026.26	91.3	32.70	-1.55	1026.31	98.2	32.76	-1.54	1026.35
84.6	32.66	-1.54	1026.27	91.4	32.69	-1.55	1026.30	98.4	32.75	-1.54	1026.35
84.9	32.65	-1.54	1026.26	91.5	32.69	-1.54	1026.30	98.5	32.76	-1.54	1026.35
85.0	32.66	-1.54	1026.27	91.6	32.70	-1.55	1026.31	98.7	32.75	-1.54	1026.35
85.1	32.66	-1.54	1026.27	91.8	32.70	-1.55	1026.31	98.8	32.75	-1.54	1026.35
85.2	32.65	-1.53	1026.26	91.9	32.71	-1.54	1026.31	98.9	32.76	-1.54	1026.35
85.3	32.66	-1.54	1026.27	92.0	32.69	-1.53	1026.30	99.0	32.76	-1.54	1026.35
85.5	32.66	-1.54	1026.27	92.1	32.71	-1.54	1026.31	99.3	32.77	-1.55	1026.36
85.7	32.65	-1.54	1026.26	92.4	32.71	-1.53	1026.31	99.5	32.76	-1.54	1026.35
85.8	32.66	-1.54	1026.27	92.5	32.71	-1.54	1026.31	99.7	32.75	-1.54	1026.35
86.1	32.65	-1.54	1026.26	92.6	32.71	-1.54	1026.31	99.9	32.76	-1.54	1026.35
86.2	32.66	-1.54	1026.27	92.7	32.71	-1.53	1026.31	100.0	32.75	-1.54	1026.35
86.3	32.66	-1.54	1026.27	92.9	32.71	-1.53	1026.31	100.1	32.77	-1.54	1026.36
86.4	32.66	-1.54	1026.27	93.0	32.69	-1.53	1026.30	100.3	32.76	-1.54	1026.35
86.6	32.67	-1.55	1026.28	93.1	32.71	-1.53	1026.31	100.5	32.77	-1.54	1026.36
86.8	32.66	-1.55	1026.27	93.2	32.71	-1.54	1026.31	100.9	32.76	-1.54	1026.35
86.9	32.67	-1.54	1026.28	93.3	32.72	-1.54	1026.32	101.0	32.77	-1.53	1026.36
87.1	32.67	-1.54	1026.28	93.5	32.72	-1.52	1026.32	101.1	32.77	-1.51	1026.36
87.2	32.67	-1.54	1026.28	93.7	32.72	-1.52	1026.32	101.2	32.76	-1.51	1026.35
87.3	32.67	-1.54	1026.28	94.0	32.72	-1.53	1026.32	101.4	32.76	-1.51	1026.35
87.6	32.67	-1.54	1026.28	94.1	32.71	-1.53	1026.31	101.5	32.77	-1.50	1026.36
87.7	32.67	-1.55	1026.28	94.2	32.72	-1.53	1026.32	101.6	32.77	-1.49	1026.36
87.8	32.67	-1.54	1026.28	94.3	32.72	-1.52	1026.32	101.9	32.79	-1.49	1026.38
87.9	32.67	-1.54	1026.28	94.5	32.72	-1.53	1026.32	102.0	32.79	-1.49	1026.38
88.1	32.67	-1.55	1026.28	94.7	32.73	-1.53	1026.33	102.2	32.79	-1.49	1026.38
88.2	32.67	-1.54	1026.28	95.0	32.73	-1.54	1026.33	102.3	32.74	-1.49	1026.34
88.3	32.67	-1.54	1026.28	95.2	32.73	-1.54	1026.33	102.5	32.74	-1.49	1026.34
88.4	32.67	-1.54	1026.28	95.3	32.73	-1.54	1026.33	102.6	32.77	-1.49	1026.36
88.6	32.67	-1.54	1026.28	95.4	32.73	-1.54	1026.33	102.7	32.80	-1.50	1026.39
88.8	32.67	-1.54	1026.28	95.6	32.73	-1.54	1026.33	103.0	32.80	-1.49	1026.38
89.0	32.67	-1.54	1026.28	95.7	32.74	-1.54	1026.34	103.2	32.80	-1.49	1026.38
89.2	32.68	-1.55	1026.29	95.8	32.74	-1.54	1026.34	103.3	32.80	-1.50	1026.39
89.3	32.67	-1.54	1026.28	96.1	32.74	-1.54	1026.34	103.5	32.80	-1.49	1026.38
89.4	32.69	-1.55	1026.30	96.2	32.73	-1.54	1026.33	103.6	32.80	-1.49	1026.38
89.5	32.67	-1.54	1026.28	96.3	32.75	-1.54	1026.35	103.7	32.80	-1.49	1026.38
89.7	32.68	-1.54	1026.29	96.5	32.75	-1.54	1026.35	103.8	32.80	-1.49	1026.38
89.8	32.68	-1.54	1026.29	96.6	32.74	-1.54	1026.34	104.0	32.80	-1.49	1026.38
89.9	32.69	-1.55	1026.30	96.7	32.75	-1.54	1026.35	104.1	32.80	-1.49	1026.38
90.0	32.67	-1.54	1026.28	96.8	32.75	-1.54	1026.35	104.2	32.80	-1.49	1026.38

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
104.3	32.80	-1.49	1026.38	111.3	32.89	-1.56	1026.46	118.4	32.92	-1.56	1026.48
104.6	32.81	-1.49	1026.39	111.5	32.88	-1.55	1026.45	118.5	32.92	-1.56	1026.48
104.7	32.82	-1.50	1026.40	111.6	32.88	-1.55	1026.45	118.6	32.92	-1.56	1026.48
104.8	32.82	-1.50	1026.40	111.7	32.89	-1.55	1026.46	118.8	32.92	-1.56	1026.48
105.1	32.81	-1.50	1026.39	111.9	32.89	-1.55	1026.46	118.9	32.93	-1.56	1026.49
105.2	32.81	-1.50	1026.39	112.0	32.89	-1.55	1026.46	119.0	32.92	-1.56	1026.48
105.3	32.82	-1.50	1026.40	112.1	32.89	-1.55	1026.46	119.2	32.93	-1.56	1026.49
105.5	32.81	-1.49	1026.39	112.2	32.89	-1.55	1026.46	119.5	32.92	-1.56	1026.48
105.7	32.82	-1.50	1026.40	112.5	32.89	-1.55	1026.46	119.6	32.92	-1.56	1026.48
105.9	32.82	-1.49	1026.40	112.6	32.88	-1.55	1026.45	119.7	32.92	-1.56	1026.48
106.1	32.82	-1.50	1026.40	112.7	32.88	-1.55	1026.45	119.9	32.92	-1.56	1026.48
106.2	32.84	-1.51	1026.42	113.0	32.89	-1.55	1026.46	120.0	32.93	-1.55	1026.49
106.3	32.82	-1.51	1026.40	113.1	32.89	-1.55	1026.46	120.2	32.93	-1.54	1026.49
106.6	32.81	-1.51	1026.39	113.2	32.89	-1.55	1026.46	120.3	32.92	-1.54	1026.48
106.7	32.84	-1.52	1026.42	113.3	32.89	-1.55	1026.46	120.5	32.93	-1.54	1026.49
106.8	32.84	-1.53	1026.42	113.4	32.89	-1.55	1026.46	120.6	32.94	-1.55	1026.50
106.9	32.83	-1.51	1026.41	113.7	32.90	-1.55	1026.47	120.9	32.94	-1.55	1026.50
107.0	32.84	-1.51	1026.42	113.8	32.90	-1.55	1026.47	121.0	32.94	-1.56	1026.50
107.2	32.84	-1.51	1026.42	113.9	32.90	-1.55	1026.47	121.2	32.94	-1.55	1026.50
107.4	32.84	-1.51	1026.42	114.1	32.89	-1.55	1026.46	121.3	32.93	-1.55	1026.49
107.7	32.85	-1.51	1026.43	114.2	32.89	-1.56	1026.46	121.5	32.94	-1.54	1026.50
107.9	32.85	-1.51	1026.43	114.5	32.90	-1.55	1026.47	121.6	32.95	-1.54	1026.51
108.0	32.85	-1.52	1026.43	114.6	32.90	-1.55	1026.47	121.7	32.94	-1.54	1026.50
108.1	32.85	-1.51	1026.43	114.8	32.90	-1.55	1026.47	121.8	32.96	-1.54	1026.52
108.3	32.85	-1.51	1026.43	114.9	32.90	-1.55	1026.47	122.0	32.98	-1.56	1026.53
108.4	32.85	-1.51	1026.43	115.1	32.90	-1.55	1026.47	122.1	32.94	-1.54	1026.50
108.5	32.85	-1.52	1026.43	115.3	32.90	-1.56	1026.47	122.2	32.97	-1.57	1026.52
108.7	32.85	-1.53	1026.43	115.6	32.90	-1.56	1026.47	122.3	32.96	-1.56	1026.52
108.8	32.85	-1.53	1026.43	115.7	32.90	-1.55	1026.47	122.4	32.97	-1.59	1026.53
108.9	32.85	-1.54	1026.43	115.8	32.89	-1.56	1026.46	122.6	32.95	-1.59	1026.51
109.1	32.86	-1.54	1026.43	115.9	32.90	-1.56	1026.47	122.7	32.96	-1.59	1026.52
109.3	32.87	-1.56	1026.44	116.0	32.90	-1.56	1026.47	122.9	32.98	-1.60	1026.53
109.5	32.86	-1.56	1026.44	116.2	32.91	-1.56	1026.48	123.1	32.97	-1.60	1026.53
109.6	32.86	-1.56	1026.44	116.3	32.91	-1.55	1026.48	123.3	32.96	-1.59	1026.52
109.8	32.86	-1.55	1026.44	116.4	32.89	-1.55	1026.46	123.5	32.96	-1.59	1026.52
109.9	32.86	-1.55	1026.44	116.7	32.91	-1.56	1026.48	123.7	32.96	-1.60	1026.52
110.0	32.87	-1.56	1026.44	116.8	32.90	-1.56	1026.47	123.8	32.95	-1.59	1026.51
110.1	32.85	-1.56	1026.43	117.0	32.91	-1.56	1026.48	123.9	32.96	-1.59	1026.52
110.4	32.87	-1.56	1026.44	117.1	32.89	-1.55	1026.46	124.1	32.96	-1.60	1026.52
110.5	32.88	-1.56	1026.45	117.4	32.91	-1.56	1026.48	124.2	32.97	-1.60	1026.53
110.6	32.86	-1.56	1026.44	117.5	32.91	-1.56	1026.48	124.4	32.97	-1.61	1026.53
110.7	32.88	-1.56	1026.45	117.7	32.92	-1.56	1026.48	124.7	32.94	-1.60	1026.50
110.9	32.87	-1.56	1026.44	117.9	32.91	-1.55	1026.48	124.8	32.96	-1.60	1026.52
111.0	32.87	-1.56	1026.44	118.0	32.92	-1.56	1026.48	124.9	32.96	-1.60	1026.52
111.1	32.87	-1.56	1026.44	118.1	32.92	-1.56	1026.48	125.0	32.97	-1.59	1026.53
111.2	32.88	-1.56	1026.45	118.3	32.91	-1.56	1026.48	125.2	32.97	-1.59	1026.53

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
125.4	32.96	-1.58	1026.52	132.6	33.02	-1.60	1026.57	139.6	33.08	-1.62	1026.62
125.7	32.96	-1.58	1026.52	132.7	33.01	-1.59	1026.56	139.7	33.06	-1.61	1026.60
125.8	32.96	-1.58	1026.52	132.9	33.02	-1.59	1026.57	139.8	33.06	-1.61	1026.60
125.9	32.97	-1.58	1026.53	133.2	33.03	-1.58	1026.57	140.0	33.07	-1.61	1026.61
126.0	32.96	-1.58	1026.52	133.3	33.01	-1.58	1026.56	140.1	33.07	-1.61	1026.61
126.1	32.96	-1.58	1026.52	133.4	33.03	-1.58	1026.57	140.3	33.08	-1.62	1026.62
126.3	32.96	-1.57	1026.52	133.6	33.04	-1.59	1026.58	140.6	33.07	-1.62	1026.61
126.4	32.97	-1.57	1026.52	133.7	33.04	-1.59	1026.58	140.7	33.07	-1.62	1026.61
126.5	32.98	-1.59	1026.53	133.9	33.05	-1.60	1026.59	140.8	33.08	-1.61	1026.62
126.7	32.98	-1.59	1026.53	134.0	33.04	-1.59	1026.58	140.9	33.08	-1.62	1026.62
126.9	32.98	-1.60	1026.53	134.2	33.05	-1.60	1026.59	141.1	33.09	-1.62	1026.62
127.0	32.97	-1.60	1026.53	134.3	33.05	-1.59	1026.59	141.3	33.08	-1.62	1026.62
127.1	32.96	-1.60	1026.52	134.4	33.02	-1.59	1026.57	141.4	33.08	-1.62	1026.62
127.3	32.96	-1.60	1026.52	134.5	33.04	-1.60	1026.58	141.6	33.08	-1.63	1026.62
127.5	32.98	-1.58	1026.53	134.7	33.05	-1.60	1026.59	141.7	33.07	-1.62	1026.61
127.6	32.97	-1.57	1026.52	134.8	33.06	-1.60	1026.60	141.8	33.08	-1.62	1026.62
127.9	32.98	-1.57	1026.53	134.9	33.05	-1.60	1026.59	141.9	33.07	-1.62	1026.61
128.0	32.97	-1.57	1026.52	135.0	33.05	-1.60	1026.59	142.1	33.08	-1.61	1026.62
128.2	32.98	-1.58	1026.53	135.3	33.05	-1.60	1026.59	142.2	33.07	-1.61	1026.61
128.4	32.98	-1.58	1026.53	135.4	33.06	-1.60	1026.60	142.3	33.07	-1.61	1026.61
128.6	32.99	-1.59	1026.54	135.5	33.04	-1.60	1026.58	142.6	33.07	-1.60	1026.61
128.9	33.00	-1.59	1026.55	135.7	33.06	-1.60	1026.60	142.7	33.10	-1.61	1026.63
129.0	33.01	-1.58	1026.56	135.8	33.05	-1.60	1026.59	142.9	33.09	-1.60	1026.62
129.1	32.99	-1.59	1026.54	135.9	33.05	-1.60	1026.59	143.0	33.10	-1.61	1026.63
129.2	32.99	-1.59	1026.54	136.0	33.06	-1.60	1026.60	143.2	33.08	-1.60	1026.62
129.3	33.00	-1.59	1026.55	136.1	33.06	-1.60	1026.60	143.3	33.07	-1.60	1026.61
129.6	33.01	-1.59	1026.56	136.3	33.05	-1.60	1026.59	143.4	33.07	-1.60	1026.61
129.7	33.01	-1.59	1026.56	136.4	33.05	-1.61	1026.59	143.7	33.08	-1.60	1026.62
130.0	33.01	-1.58	1026.56	136.5	33.05	-1.61	1026.59	143.8	33.09	-1.59	1026.62
130.2	33.01	-1.58	1026.56	136.6	33.05	-1.61	1026.59	144.0	33.10	-1.60	1026.63
130.5	33.00	-1.58	1026.55	136.8	33.06	-1.60	1026.60	144.1	33.09	-1.59	1026.62
130.6	32.99	-1.58	1026.54	137.0	33.06	-1.60	1026.60	144.3	33.09	-1.60	1026.62
130.7	33.02	-1.58	1026.57	137.2	33.07	-1.61	1026.61	144.4	33.10	-1.60	1026.63
130.8	33.00	-1.58	1026.55	137.4	33.08	-1.61	1026.62	144.7	33.07	-1.59	1026.61
131.0	33.02	-1.58	1026.57	137.6	33.08	-1.61	1026.62	144.8	33.07	-1.59	1026.61
131.1	33.03	-1.59	1026.57	137.7	33.07	-1.61	1026.61	144.9	33.09	-1.60	1026.62
131.2	33.01	-1.58	1026.56	138.0	33.06	-1.61	1026.60	145.1	33.09	-1.60	1026.62
131.3	33.02	-1.58	1026.57	138.1	33.08	-1.61	1026.62	145.3	33.09	-1.60	1026.62
131.5	33.02	-1.58	1026.57	138.3	33.08	-1.62	1026.62	145.4	33.09	-1.59	1026.62
131.6	33.02	-1.58	1026.57	138.5	33.08	-1.61	1026.62	145.6	33.10	-1.59	1026.63
131.7	33.01	-1.58	1026.56	138.6	33.08	-1.61	1026.62	145.8	33.09	-1.59	1026.62
131.8	33.02	-1.58	1026.57	138.9	33.06	-1.61	1026.60	145.9	33.13	-1.59	1026.66
131.9	33.02	-1.58	1026.57	139.1	33.08	-1.61	1026.62	146.2	33.14	-1.59	1026.66
132.2	33.02	-1.58	1026.57	139.2	33.08	-1.62	1026.62	146.4	33.13	-1.58	1026.66
132.3	33.03	-1.59	1026.57	139.4	33.06	-1.61	1026.60	146.5	33.14	-1.59	1026.66
132.4	33.03	-1.59	1026.57	139.5	33.08	-1.61	1026.62	146.6	33.13	-1.58	1026.66

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Table A1.48. Station 86048 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
146.7	33.14	-1.59	1026.66	147.6	33.16	-1.59	1026.68	148.7	33.17	-1.59	1026.69
146.9	33.14	-1.59	1026.66	147.7	33.16	-1.59	1026.68	148.8	33.16	-1.59	1026.68
147.1	33.14	-1.58	1026.66	147.9	33.16	-1.58	1026.68	149.0	33.17	-1.59	1026.69
147.2	33.14	-1.58	1026.66	148.0	33.16	-1.59	1026.68				
147.5	33.16	-1.59	1026.68	148.5	33.18	-1.60	1026.70				

STATION: 86049 DATE: 01 August

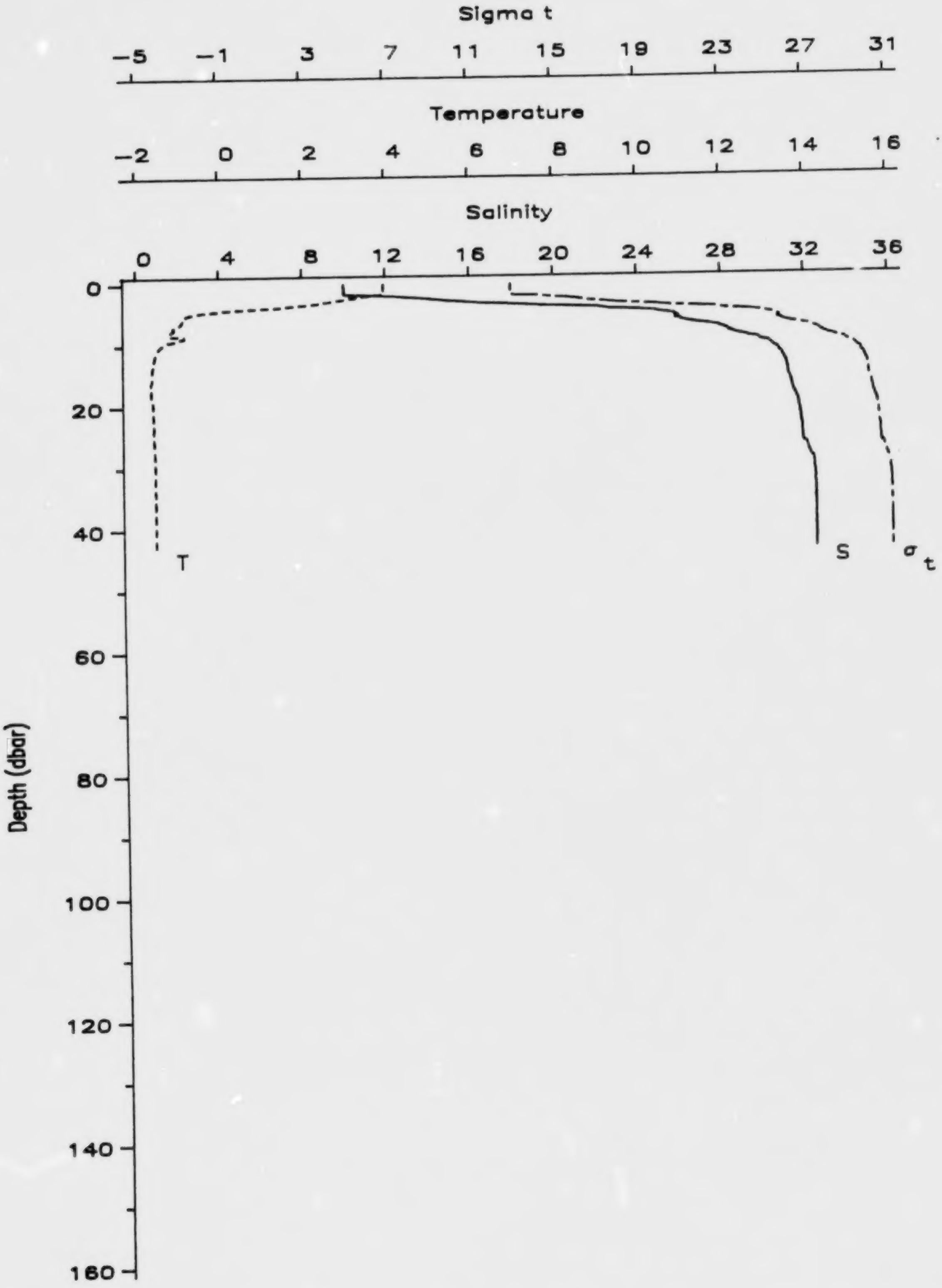

Table A1.49. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86049, August 1, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	10.01	3.94	1007.96	6.9	27.01	-1.02	1021.68	14.1	31.19	-1.59	1025.08
0.3	10.00	3.94	1007.95	7.1	27.42	-1.11	1022.02	14.2	31.18	-1.59	1025.07
0.4	10.00	3.94	1007.95	7.3	27.84	-1.10	1022.36	14.3	31.22	-1.60	1025.10
0.5	10.01	3.94	1007.96	7.4	27.96	-1.09	1022.45	14.4	31.23	-1.61	1025.11
0.7	10.00	3.94	1007.95	7.5	27.96	-1.09	1022.45	14.7	31.21	-1.61	1025.10
0.8	10.01	3.94	1007.96	7.7	28.18	-1.14	1022.63	15.0	31.23	-1.61	1025.11
0.9	10.02	3.94	1007.97	7.8	28.23	-1.16	1022.67	15.1	31.21	-1.61	1025.10
1.0	10.01	3.94	1007.96	7.9	28.34	-1.17	1022.76	15.2	31.24	-1.62	1025.12
1.1	10.01	3.94	1007.96	8.2	28.41	-1.20	1022.82	15.3	31.21	-1.61	1025.10
1.5	10.02	3.93	1007.97	8.3	28.54	-1.14	1022.92	15.4	31.22	-1.61	1025.10
1.6	10.03	3.91	1007.97	8.4	28.51	-1.14	1022.90	15.6	31.29	-1.60	1025.16
1.8	10.03	3.92	1007.97	8.5	28.64	-0.83	1023.00	15.7	31.30	-1.60	1025.17
1.9	10.10	3.88	1008.03	8.8	28.89	-0.81	1023.20	16.1	31.35	-1.63	1025.21
2.0	10.26	3.85	1008.16	9.0	29.21	-0.98	1023.46	16.2	31.36	-1.63	1025.22
2.1	11.62	3.67	1009.24	9.2	29.37	-1.02	1023.59	16.3	31.36	-1.63	1025.22
2.4	12.87	3.27	1010.25	9.3	29.60	-1.12	1023.78	16.4	31.38	-1.64	1025.24
2.5	13.37	3.25	1010.65	9.4	29.82	-1.24	1023.96	16.5	31.39	-1.64	1025.24
2.6	13.78	3.05	1010.98	9.7	29.91	-1.29	1024.04	16.7	31.37	-1.63	1025.23
2.7	14.09	3.02	1011.23	9.8	29.98	-1.33	1024.09	16.9	31.39	-1.64	1025.24
3.0	14.86	2.71	1011.85	9.9	30.10	-1.35	1024.19	17.0	31.41	-1.64	1025.26
3.2	15.88	2.48	1012.67	10.0	30.31	-1.36	1024.36	17.2	31.43	-1.62	1025.28
3.4	16.56	2.27	1013.22	10.1	30.34	-1.40	1024.39	17.4	31.42	-1.62	1025.27
3.5	17.58	2.12	1014.04	10.5	30.48	-1.45	1024.50	17.6	31.45	-1.63	1025.29
3.6	18.08	1.89	1014.44	10.6	30.50	-1.48	1024.52	17.9	31.46	-1.63	1025.30
3.7	18.73	1.69	1014.97	10.8	30.57	-1.49	1024.57	18.0	31.48	-1.62	1025.32
3.9	19.46	1.48	1015.56	10.9	30.63	-1.49	1024.62	18.3	31.51	-1.62	1025.34
4.0	20.56	1.04	1016.45	11.0	30.71	-1.51	1024.69	18.4	31.54	-1.62	1025.36
4.1	21.34	0.79	1017.08	11.1	30.77	-1.52	1024.74	18.5	31.56	-1.61	1025.38
4.2	22.21	0.45	1017.79	11.4	30.80	-1.54	1024.76	18.9	31.59	-1.59	1025.40
4.3	22.38	0.21	1017.93	11.5	30.80	-1.53	1024.76	19.0	31.62	-1.58	1025.43
4.5	22.79	-0.10	1018.26	11.6	30.79	-1.53	1024.75	19.1	31.62	-1.58	1025.43
4.7	24.14	-0.44	1019.36	11.7	30.87	-1.54	1024.82	19.3	31.65	-1.58	1025.45
5.0	25.06	-0.71	1020.10	11.9	30.95	-1.54	1024.88	19.4	31.69	-1.58	1025.49
5.2	25.41	-0.79	1020.39	12.0	30.96	-1.54	1024.89	19.6	31.70	-1.57	1025.49
5.3	25.76	-0.88	1020.67	12.2	30.98	-1.55	1024.91	19.8	31.70	-1.57	1025.49
5.4	25.78	-0.88	1020.69	12.4	30.99	-1.56	1024.92	19.9	31.71	-1.57	1025.50
5.6	25.88	-0.88	1020.77	12.5	31.04	-1.56	1024.96	20.0	31.72	-1.57	1025.51
5.7	25.99	-0.89	1020.86	12.7	31.07	-1.57	1024.98	20.1	31.71	-1.57	1025.50
5.8	25.87	-0.88	1020.76	12.9	31.05	-1.58	1024.97	20.2	31.71	-1.58	1025.50
6.0	25.85	-0.88	1020.74	13.1	31.12	-1.59	1025.02	20.4	31.74	-1.58	1025.53
6.1	25.85	-0.89	1020.74	13.3	31.16	-1.59	1025.06	20.6	31.74	-1.57	1025.53
6.2	26.09	-0.90	1020.94	13.5	31.15	-1.58	1025.05	20.7	31.73	-1.57	1025.52
6.3	26.08	-0.90	1020.93	13.6	31.14	-1.59	1025.04	21.1	31.78	-1.57	1025.56
6.6	26.42	-0.95	1021.20	13.7	31.17	-1.59	1025.06	21.4	31.79	-1.57	1025.57
6.7	26.60	-0.99	1021.35	13.8	31.19	-1.60	1025.08	21.5	31.78	-1.57	1025.56
6.8	26.68	-0.99	1021.41	14.0	31.19	-1.59	1025.08	21.6	31.75	-1.57	1025.53

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Table A1.49. Station 86049 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.7	31.78	-1.56	1025.56	29.5	32.42	-1.53	1026.08	36.7	32.52	-1.53	1026.16
21.9	31.79	-1.56	1025.57	29.7	32.44	-1.53	1026.09	36.8	32.50	-1.53	1026.14
22.0	31.82	-1.57	1025.59	30.0	32.45	-1.53	1026.10	37.0	32.52	-1.53	1026.16
22.1	31.82	-1.57	1025.59	30.2	32.45	-1.53	1026.10	37.3	32.51	-1.52	1026.15
22.2	31.82	-1.57	1025.59	30.5	32.45	-1.53	1026.10	37.4	32.51	-1.53	1026.15
22.3	31.82	-1.57	1025.59	30.6	32.45	-1.53	1026.10	37.6	32.51	-1.53	1026.15
22.5	31.82	-1.57	1025.59	30.9	32.46	-1.53	1026.11	37.8	32.50	-1.53	1026.14
22.6	31.82	-1.57	1025.59	31.0	32.47	-1.54	1026.12	37.9	32.50	-1.53	1026.14
22.7	31.81	-1.56	1025.58	31.2	32.48	-1.53	1026.13	38.0	32.51	-1.53	1026.15
23.0	31.84	-1.57	1025.61	31.3	32.46	-1.53	1026.11	38.2	32.50	-1.53	1026.14
23.1	31.82	-1.56	1025.59	31.5	32.46	-1.53	1026.11	38.6	32.51	-1.52	1026.15
23.2	31.81	-1.55	1025.58	31.6	32.49	-1.53	1026.13	38.7	32.51	-1.53	1026.15
23.3	31.84	-1.55	1025.61	31.7	32.48	-1.53	1026.13	38.9	32.52	-1.53	1026.16
23.4	31.87	-1.55	1025.63	31.8	32.48	-1.53	1026.13	39.0	32.51	-1.53	1026.15
23.6	31.86	-1.56	1025.62	32.1	32.50	-1.53	1026.14	39.2	32.51	-1.52	1026.15
23.7	31.88	-1.56	1025.64	32.2	32.50	-1.53	1026.14	39.4	32.50	-1.53	1026.14
23.9	31.86	-1.56	1025.62	32.4	32.49	-1.53	1026.13	39.5	32.51	-1.53	1026.15
24.2	31.87	-1.57	1025.63	32.8	32.48	-1.53	1026.13	39.6	32.50	-1.53	1026.14
24.4	31.86	-1.56	1025.62	32.9	32.48	-1.53	1026.13	39.7	32.51	-1.52	1026.15
24.6	31.86	-1.56	1025.62	33.1	32.50	-1.53	1026.14	39.9	32.51	-1.53	1026.15
24.8	31.86	-1.56	1025.62	33.2	32.49	-1.53	1026.13	40.0	32.52	-1.53	1026.16
24.9	31.89	-1.55	1025.65	33.3	32.51	-1.53	1026.15	40.2	32.51	-1.52	1026.15
25.1	31.89	-1.55	1025.65	33.6	32.51	-1.53	1026.15	40.3	32.51	-1.53	1026.15
25.2	31.91	-1.55	1025.66	33.7	32.51	-1.53	1026.15	40.5	32.51	-1.52	1026.15
25.4	31.90	-1.56	1025.66	33.8	32.50	-1.53	1026.14	40.6	32.51	-1.53	1026.15
25.5	31.90	-1.56	1025.66	34.1	32.51	-1.53	1026.15	40.7	32.50	-1.52	1026.14
25.7	31.89	-1.55	1025.65	34.2	32.49	-1.52	1026.13	40.8	32.51	-1.52	1026.15
25.8	31.91	-1.55	1025.66	34.4	32.50	-1.52	1026.14	41.1	32.51	-1.53	1026.15
26.0	31.91	-1.55	1025.66	34.5	32.51	-1.53	1026.15	41.2	32.51	-1.53	1026.15
26.2	31.91	-1.55	1025.66	34.7	32.51	-1.53	1026.15	41.3	32.51	-1.53	1026.15
26.3	31.91	-1.55	1025.66	34.8	32.51	-1.53	1026.15	41.4	32.52	-1.53	1026.16
26.4	31.94	-1.54	1025.69	34.9	32.50	-1.52	1026.14	41.6	32.50	-1.53	1026.14
26.5	31.96	-1.53	1025.70	35.0	32.51	-1.53	1026.15	41.8	32.51	-1.53	1026.15
26.6	32.06	-1.54	1025.79	35.3	32.51	-1.52	1026.15	41.9	32.51	-1.53	1026.15
27.7	32.16	-1.54	1025.87	35.4	32.49	-1.52	1026.13	42.2	32.51	-1.52	1026.15
27.9	32.19	-1.54	1025.89	35.5	32.52	-1.53	1026.16	42.4	32.51	-1.53	1026.15
28.0	32.21	-1.54	1025.91	35.6	32.50	-1.53	1026.14	42.7	32.51	-1.53	1026.15
28.3	32.23	-1.54	1025.92	35.8	32.51	-1.53	1026.15	42.8	32.51	-1.52	1026.15
28.4	32.27	-1.53	1025.96	35.9	32.50	-1.53	1026.14	42.9	32.50	-1.53	1026.14
28.6	32.30	-1.54	1025.98	36.0	32.52	-1.53	1026.16	43.2	32.51	-1.53	1026.15
28.8	32.31	-1.54	1025.99	36.1	32.51	-1.53	1026.15	43.3	32.50	-1.52	1026.14
28.9	32.34	-1.53	1026.01	36.3	32.51	-1.53	1026.15	43.4	32.51	-1.52	1026.15
29.0	32.41	-1.53	1026.07	36.4	32.51	-1.53	1026.15	43.5	32.50	-1.52	1026.14
29.2	32.42	-1.53	1026.08	36.5	32.52	-1.53	1026.16				

STATION: 86046 DATE: 02 August

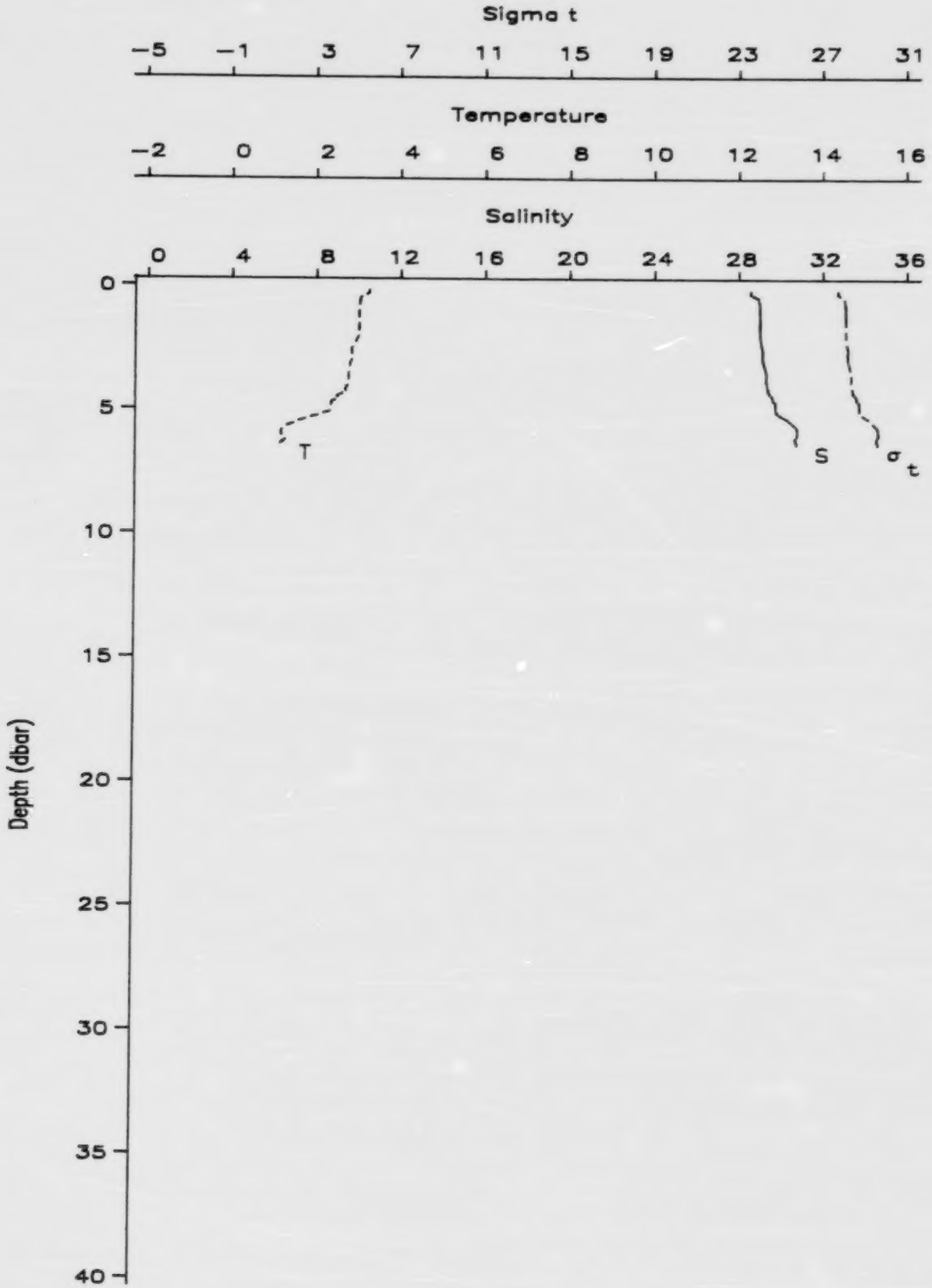

Table A1.50. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86046, August 2, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	28.56	3.23	1022.73	2.4	29.07	2.88	1023.16	4.6	29.58	2.51	1023.60
0.3	28.52	3.24	1022.70	2.6	29.13	2.81	1023.22	4.7	29.72	2.36	1023.72
0.4	28.68	3.17	1022.83	2.7	29.11	2.83	1023.20	4.8	29.74	2.33	1023.74
0.5	28.92	3.03	1023.03	2.9	29.12	2.82	1023.21	5.1	29.78	2.31	1023.77
0.8	28.99	3.00	1023.09	3.0	29.12	2.83	1023.21	5.2	29.89	2.15	1023.87
1.1	29.00	2.99	1023.10	3.1	29.16	2.80	1023.24	5.4	30.31	1.73	1024.23
1.3	29.01	2.99	1023.11	3.4	29.25	2.76	1023.32	5.6	30.57	1.43	1024.46
1.4	28.99	2.99	1023.09	3.5	29.30	2.75	1023.36	5.7	30.71	1.27	1024.58
1.5	29.01	2.99	1023.11	3.9	29.31	2.74	1023.37	5.8	30.78	1.18	1024.64
1.6	28.99	3.00	1023.09	4.1	29.34	2.71	1023.39	6.0	30.78	1.14	1024.65
1.8	29.01	2.99	1023.11	4.2	29.39	2.67	1023.43	6.2	30.66	1.27	1024.54
2.0	28.99	2.99	1023.09	4.3	29.38	2.70	1023.42	6.3	30.71	1.21	1024.59
2.1	29.01	2.98	1023.11	4.5	29.60	2.48	1023.62	6.4	30.75	1.14	1024.62

STATION: 86047 DATE: 02 August

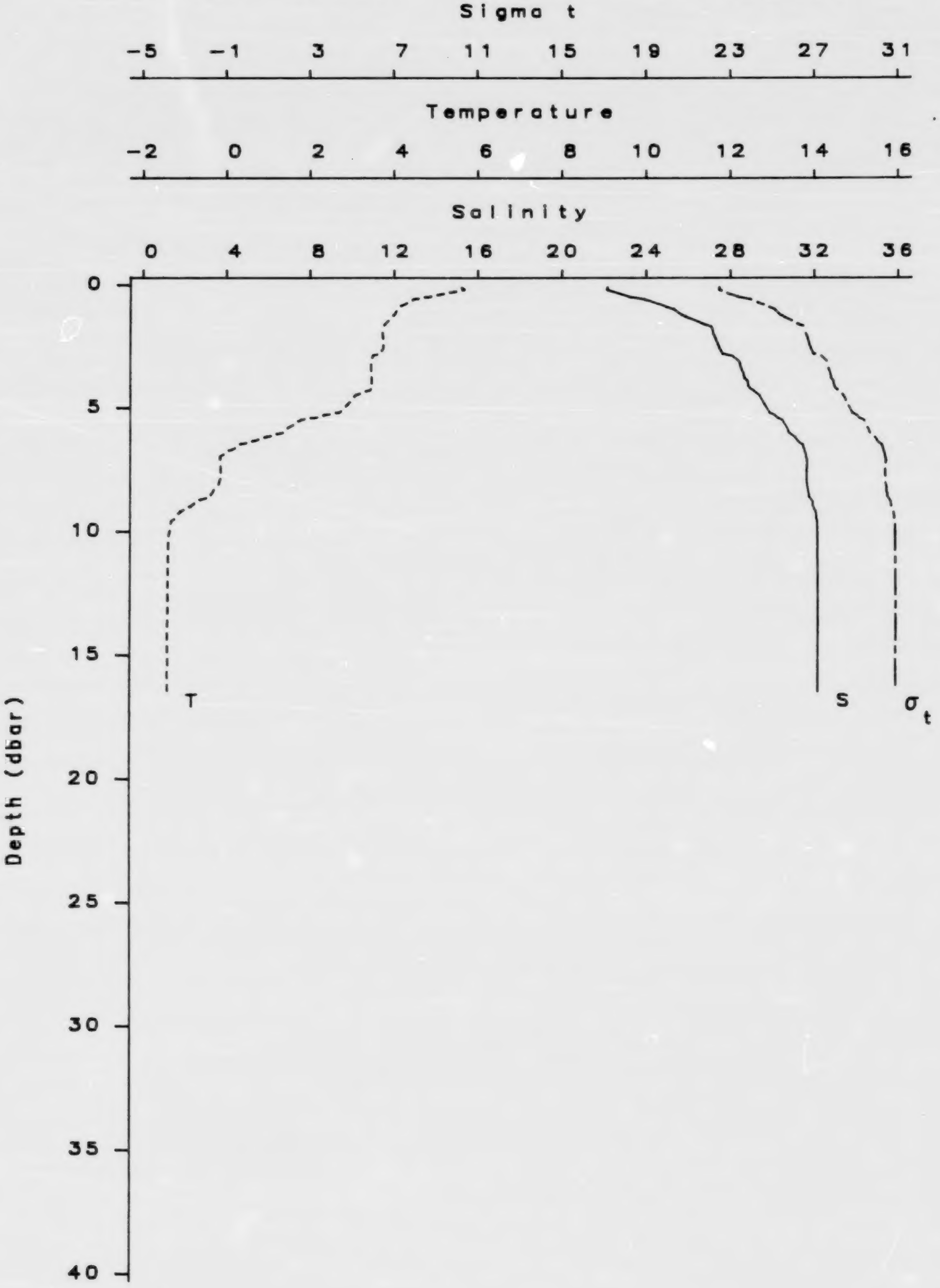

Table A1.51. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86047, August 2, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	22.15	5.59	1017.46	6.0	30.74	1.37	1024.60	11.1	32.11	-1.40	1025.82
0.2	22.11	5.66	1017.42	6.2	31.04	0.93	1024.87	11.2	32.10	-1.40	1025.81
0.5	23.15	4.82	1018.31	6.3	31.13	0.74	1024.95	11.4	32.10	-1.41	1025.81
0.6	23.89	4.46	1018.93	6.4	31.22	0.57	1025.03	11.6	32.09	-1.41	1025.81
0.9	24.93	4.12	1019.78	6.5	31.41	0.27	1025.20	11.7	32.10	-1.41	1025.81
1.0	25.29	4.05	1020.07	6.6	31.44	0.23	1025.22	11.9	32.10	-1.41	1025.81
1.2	25.59	4.00	1020.31	6.8	31.52	-0.01	1025.30	12.1	32.11	-1.41	1025.82
1.3	25.84	3.93	1020.51	7.0	31.57	-0.17	1025.35	12.3	32.10	-1.41	1025.81
1.6	26.68	3.77	1021.19	7.1	31.61	-0.16	1025.38	12.4	32.11	-1.41	1025.82
1.7	27.05	3.72	1021.49	7.3	31.59	-0.15	1025.36	12.7	32.11	-1.41	1025.82
1.8	27.13	3.71	1021.56	7.4	31.59	-0.15	1025.36	12.8	32.11	-1.41	1025.82
2.0	27.16	3.70	1021.58	7.5	31.57	-0.15	1025.34	12.9	32.11	-1.41	1025.82
2.1	27.22	3.71	1021.63	7.6	31.58	-0.15	1025.35	13.1	32.10	-1.41	1025.81
2.2	27.27	3.72	1021.67	7.7	31.59	-0.15	1025.36	13.2	32.11	-1.41	1025.82
2.4	27.37	3.73	1021.74	7.9	31.57	-0.16	1025.34	13.3	32.10	-1.41	1025.81
2.6	27.45	3.72	1021.81	8.1	31.60	-0.20	1025.37	13.5	32.10	-1.41	1025.81
2.8	27.60	3.64	1021.93	8.2	31.63	-0.28	1025.40	13.7	32.11	-1.41	1025.82
2.9	28.07	3.48	1022.32	8.4	31.66	-0.34	1025.42	13.8	32.09	-1.42	1025.81
3.1	28.37	3.43	1022.56	8.5	31.69	-0.38	1025.45	14.0	32.10	-1.42	1025.81
3.2	28.42	3.43	1022.60	8.6	31.70	-0.42	1025.46	14.3	32.10	-1.42	1025.81
3.3	28.45	3.43	1022.63	8.8	31.87	-0.73	1025.61	14.4	32.10	-1.41	1025.81
3.4	28.48	3.44	1022.65	9.0	31.90	-0.85	1025.64	14.6	32.10	-1.42	1025.81
3.7	28.63	3.46	1022.77	9.1	31.94	-0.99	1025.67	14.8	32.08	-1.41	1025.80
3.8	28.64	3.45	1022.78	9.2	32.01	-1.11	1025.73	15.0	32.10	-1.41	1025.81
3.9	28.77	3.45	1022.88	9.4	32.04	-1.22	1025.76	15.2	32.08	-1.41	1025.80
4.1	28.82	3.45	1022.92	9.5	32.05	-1.26	1025.77	15.4	32.10	-1.41	1025.81
4.2	28.89	3.46	1022.98	9.6	32.09	-1.33	1025.80	15.5	32.11	-1.42	1025.82
4.3	29.05	3.40	1023.11	9.9	32.10	-1.36	1025.81	15.6	32.10	-1.42	1025.81
4.5	29.34	3.06	1023.37	10.0	32.09	-1.36	1025.81	15.8	32.09	-1.42	1025.81
4.8	29.55	2.91	1023.54	10.1	32.10	-1.38	1025.81	15.9	32.10	-1.41	1025.81
4.9	29.62	2.86	1023.60	10.2	32.09	-1.39	1025.81	16.0	32.11	-1.41	1025.82
5.2	29.82	2.68	1023.78	10.5	32.09	-1.40	1025.81	16.3	32.10	-1.42	1025.81
5.3	30.06	2.34	1023.99	10.6	32.10	-1.40	1025.81	16.4	32.09	-1.41	1025.81
5.4	30.18	2.15	1024.10	10.7	32.10	-1.40	1025.81	16.5	32.10	-1.42	1025.81
5.5	30.43	1.77	1024.33	10.8	32.09	-1.40	1025.81				
5.9	30.71	1.39	1024.57	11.0	32.09	-1.40	1025.81				

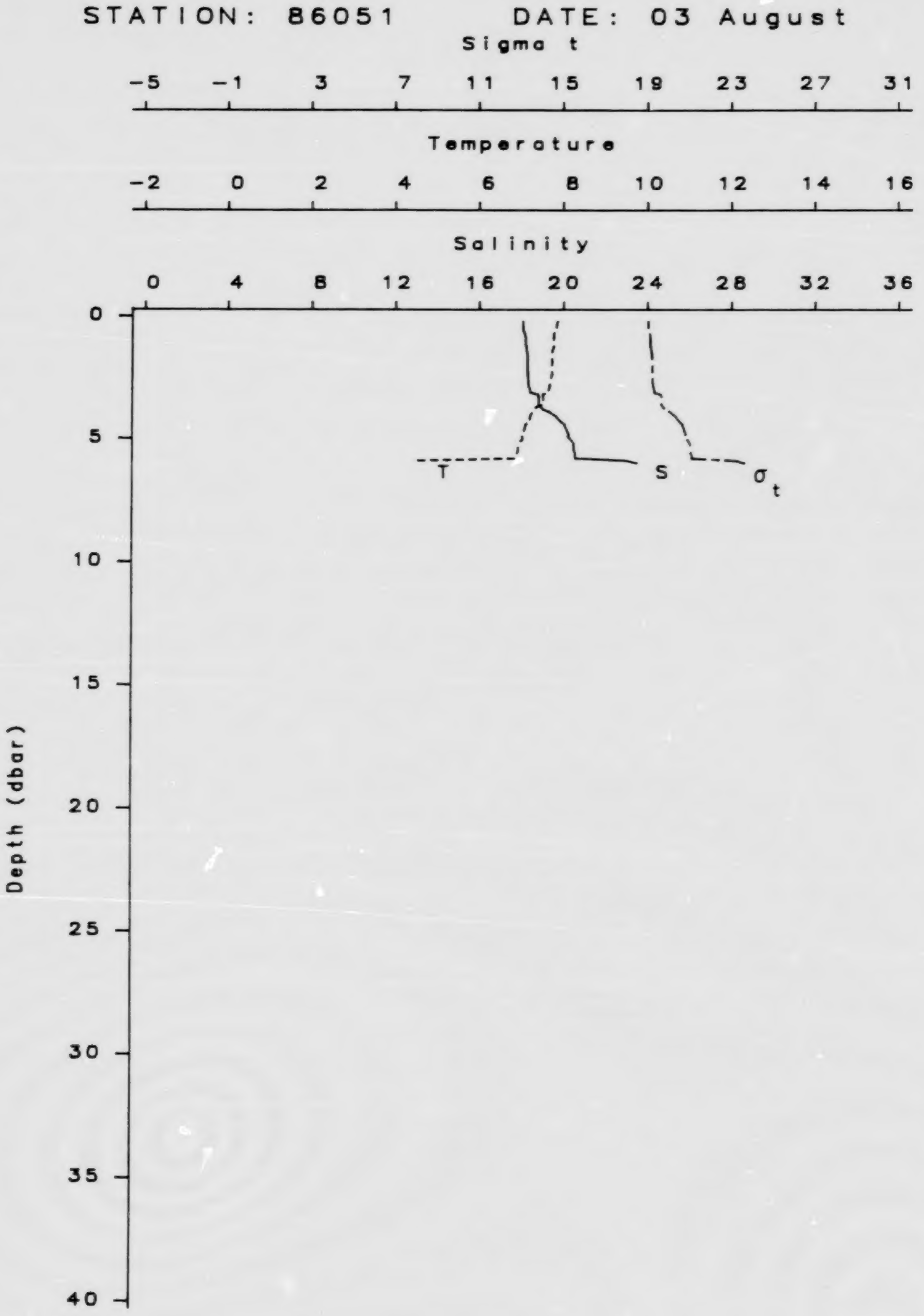
STATION: 86051
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Table A1.52. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86051, August 3, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	18.07	7.84	1014.03	2.1	18.29	7.70	1014.22	4.1	19.63	7.18	1015.32
0.4	18.08	7.81	1014.04	2.3	18.30	7.70	1014.22	4.3	19.85	7.16	1015.50
0.5	18.09	7.81	1014.05	2.4	18.30	7.70	1014.22	4.4	20.00	7.08	1015.62
0.6	18.10	7.79	1014.06	2.7	18.33	7.65	1014.25	4.7	20.16	7.03	1015.75
0.7	18.15	7.75	1014.10	2.9	18.35	7.64	1014.27	4.8	20.21	6.99	1015.79
0.9	18.20	7.74	1014.14	3.1	18.41	7.60	1014.32	4.9	20.16	6.99	1015.76
1.0	18.19	7.75	1014.13	3.2	18.75	7.48	1014.60	5.0	20.28	7.01	1015.85
1.2	18.21	7.75	1014.15	3.3	18.81	7.49	1014.65	5.2	20.46	6.90	1016.00
1.5	18.26	7.70	1014.19	3.4	18.81	7.50	1014.64	5.3	20.48	6.89	1016.02
1.6	18.28	7.70	1014.21	3.6	18.80	7.48	1014.64	5.5	20.49	6.89	1016.02
1.7	18.28	7.70	1014.21	3.7	18.89	7.34	1014.72	5.8	20.56	6.82	1016.09
1.8	18.29	7.70	1014.22	3.8	19.00	7.26	1014.82	5.9	23.04	4.47	1018.25
2.0	18.29	7.70	1014.22	3.9	19.29	7.23	1015.05	6.0	23.46	4.53	1018.58

STATION: 86052 DATE: 03 August

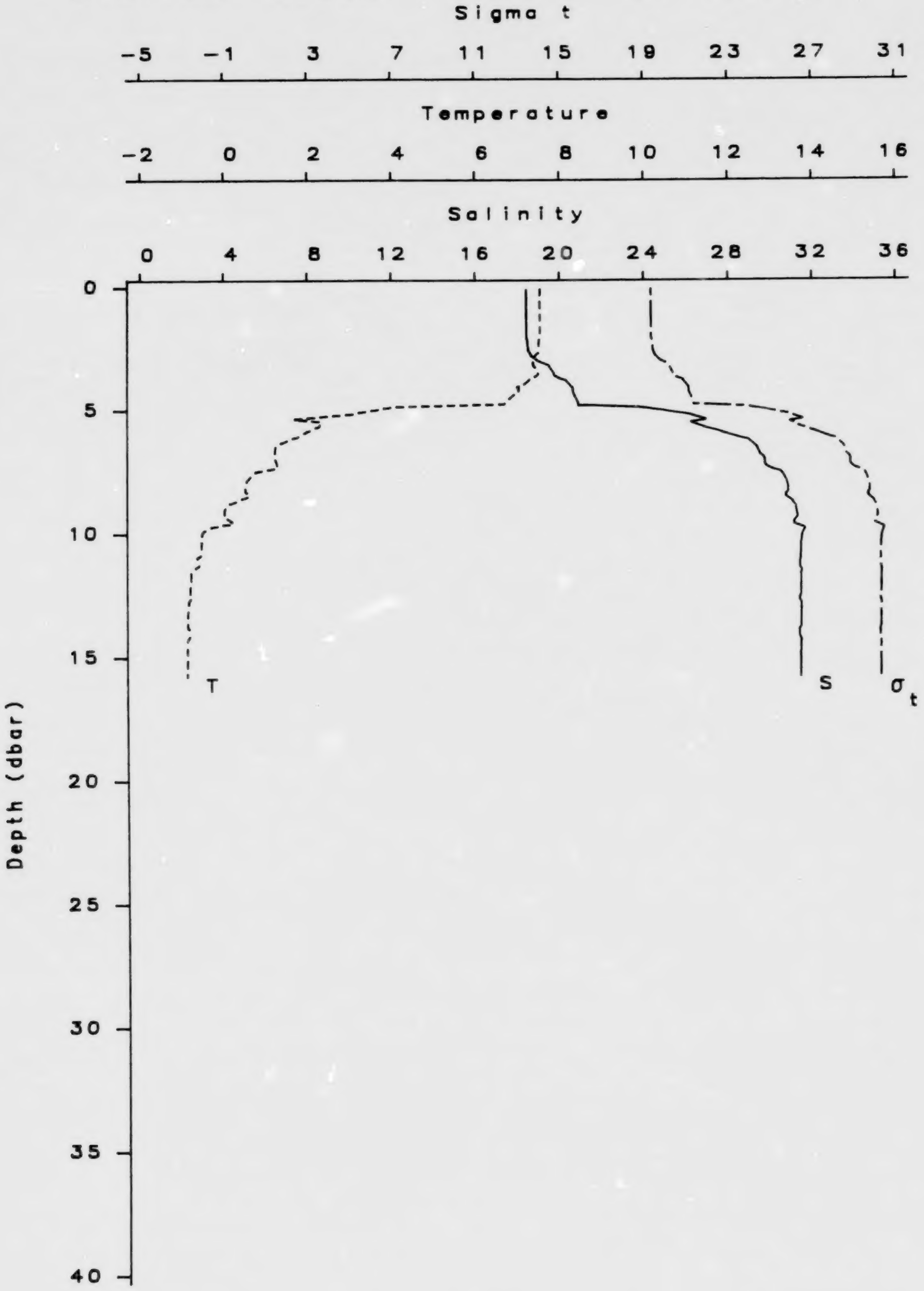

Table A1.53. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86052, August 3, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	18.44	7.52	1014.35	5.7	26.81	2.26	1021.40	11.1	31.34	-0.60	1025.18
0.3	18.45	7.51	1014.36	5.9	27.68	1.97	1022.11	11.2	31.33	-0.58	1025.17
0.4	18.45	7.51	1014.36	6.1	28.41	1.77	1022.71	11.3	31.34	-0.60	1025.18
0.5	18.45	7.51	1014.36	6.2	28.93	1.58	1023.14	11.5	31.45	-0.74	1025.27
0.8	18.44	7.52	1014.35	6.4	29.20	1.31	1023.37	11.6	31.39	-0.80	1025.22
1.0	18.45	7.51	1014.36	6.5	29.34	1.22	1023.49	12.0	31.38	-0.80	1025.21
1.1	18.44	7.52	1014.35	6.8	29.50	1.20	1023.61	12.1	31.38	-0.81	1025.21
1.2	18.44	7.52	1014.35	6.9	29.64	1.21	1023.73	12.2	31.38	-0.82	1025.21
1.4	18.44	7.52	1014.35	7.0	29.73	1.22	1023.80	12.5	31.37	-0.82	1025.21
1.5	18.44	7.52	1014.35	7.2	29.71	1.27	1023.78	12.6	31.31	-0.78	1025.16
1.9	18.44	7.52	1014.35	7.3	29.83	1.27	1023.88	12.7	31.34	-0.83	1025.18
2.1	18.45	7.51	1014.36	7.4	30.04	1.18	1024.05	12.8	31.41	-0.86	1025.24
2.2	18.49	7.49	1014.40	7.5	30.47	0.81	1024.41	13.0	31.40	-0.86	1025.23
2.3	18.50	7.48	1014.40	7.6	30.58	0.68	1024.51	13.2	31.38	-0.87	1025.22
2.5	18.53	7.49	1014.43	7.9	30.77	0.53	1024.67	13.3	31.38	-0.88	1025.22
2.6	18.53	7.48	1014.43	8.1	30.82	0.50	1024.71	13.4	31.38	-0.88	1025.22
2.7	18.61	7.47	1014.49	8.3	30.80	0.49	1024.70	13.7	31.38	-0.88	1025.22
2.8	18.65	7.41	1014.53	8.4	30.71	0.56	1024.62	13.8	31.38	-0.88	1025.22
3.0	18.94	7.33	1014.76	8.5	30.69	0.61	1024.60	13.9	31.30	-0.83	1025.15
3.2	19.49	7.36	1015.19	8.7	31.02	0.30	1024.88	14.2	31.34	-0.83	1025.18
3.5	19.71	7.48	1015.35	8.9	31.18	0.04	1025.02	14.3	31.41	-0.88	1025.24
3.6	19.75	7.47	1015.38	9.1	31.22	0.00	1025.06	14.4	31.37	-0.89	1025.21
3.7	19.93	7.39	1015.53	9.3	31.26	0.00	1025.09	14.5	31.37	-0.89	1025.21
3.8	20.29	7.26	1015.83	9.5	31.10	0.17	1024.95	14.7	31.37	-0.89	1025.21
4.0	20.50	7.14	1016.01	9.6	31.06	0.23	1024.92	14.8	31.35	-0.89	1025.19
4.1	20.62	6.97	1016.12	9.8	31.60	-0.41	1025.38	14.9	31.35	-0.88	1025.19
4.2	20.60	7.02	1016.10	10.0	31.48	-0.53	1025.29	15.1	31.36	-0.88	1025.20
4.3	20.65	6.99	1016.14	10.1	31.44	-0.54	1025.25	15.2	31.37	-0.89	1025.21
4.4	20.71	6.90	1016.20	10.2	31.43	-0.56	1025.25	15.3	31.36	-0.89	1025.20
4.8	20.90	6.65	1016.37	10.4	31.39	-0.55	1025.21	15.4	31.37	-0.89	1025.21
4.9	23.91	4.05	1018.97	10.5	31.39	-0.55	1025.21	15.5	31.35	-0.88	1025.19
5.2	26.21	3.01	1020.88	10.7	31.37	-0.56	1025.20	15.7	31.35	-0.89	1025.19
5.4	26.93	1.67	1021.53	10.9	31.36	-0.57	1025.19	15.8	31.35	-0.89	1025.19
5.5	26.22	2.34	1020.93	11.0	31.39	-0.65	1025.22				

STATION: 86034 DATE: 06 August

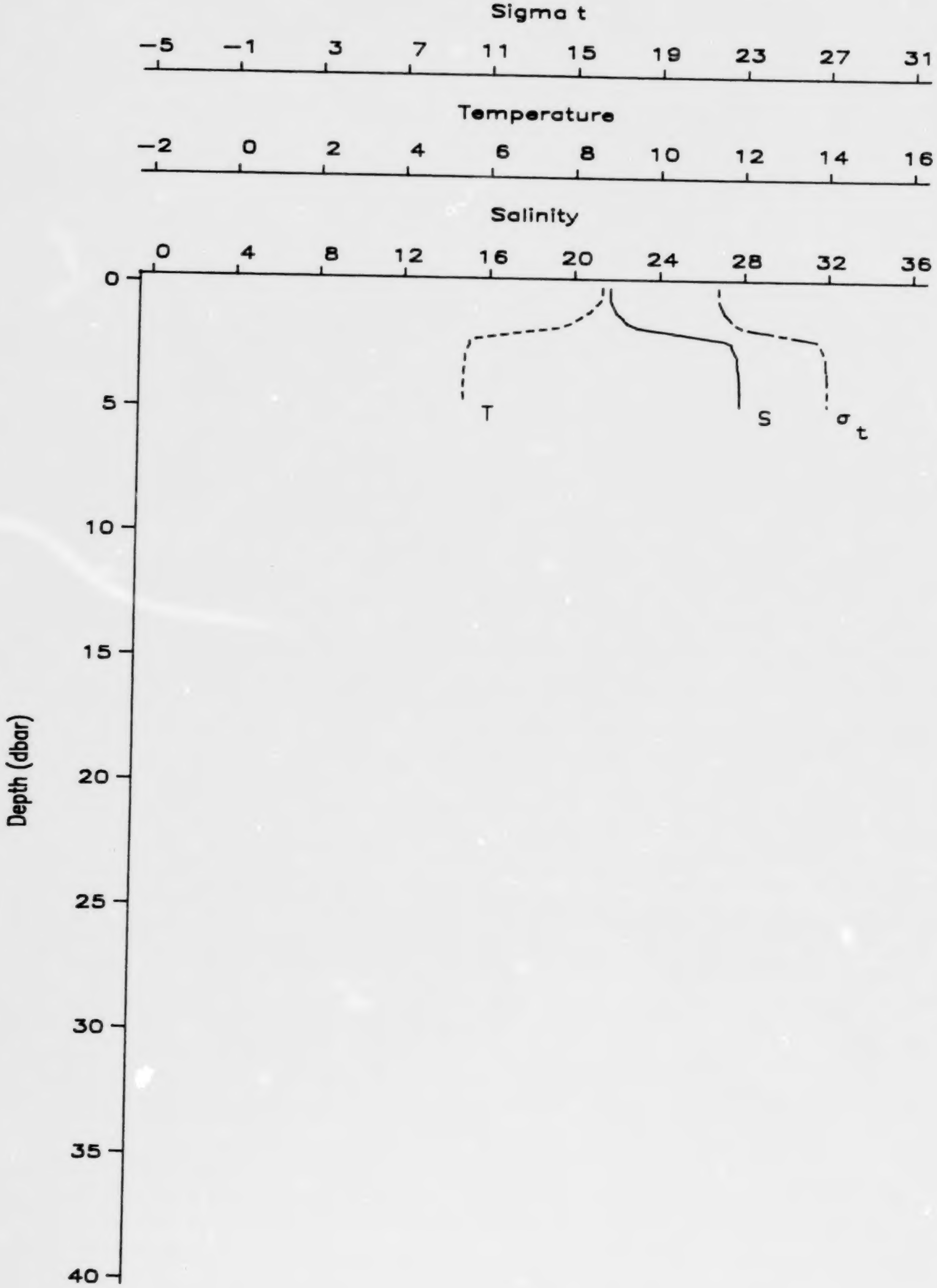

Table A1.54. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86034, August 6, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	21.69	8.64	1016.76	1.8	23.65	7.35	1018.45	3.5	27.77	5.38	1021.91
0.2	21.67	8.64	1016.75	1.9	24.63	6.84	1019.28	3.7	27.77	5.38	1021.91
0.3	21.67	8.64	1016.75	2.1	26.29	6.02	1020.68	3.8	27.79	5.38	1021.93
0.6	21.69	8.61	1016.77	2.2	27.14	5.63	1021.39	3.9	27.80	5.38	1021.93
0.7	21.74	8.56	1016.81	2.3	27.40	5.51	1021.61	4.0	27.81	5.37	1021.94
1.0	21.92	8.39	1016.98	2.4	27.40	5.53	1021.60	4.2	27.81	5.37	1021.94
1.1	21.98	8.34	1017.03	2.6	27.52	5.46	1021.71	4.3	27.81	5.37	1021.94
1.2	22.11	8.22	1017.14	2.7	27.58	5.43	1021.76	4.4	27.82	5.37	1021.95
1.3	22.25	8.14	1017.26	2.8	27.67	5.41	1021.83	4.5	27.82	5.39	1021.95
1.5	22.43	7.97	1017.43	3.0	27.69	5.40	1021.85	4.7	27.80	5.38	1021.93
1.7	22.92	7.71	1017.84	3.3	27.71	5.40	1021.86	4.8	27.82	5.38	1021.95

STATION: 86053 DATE: 06 August

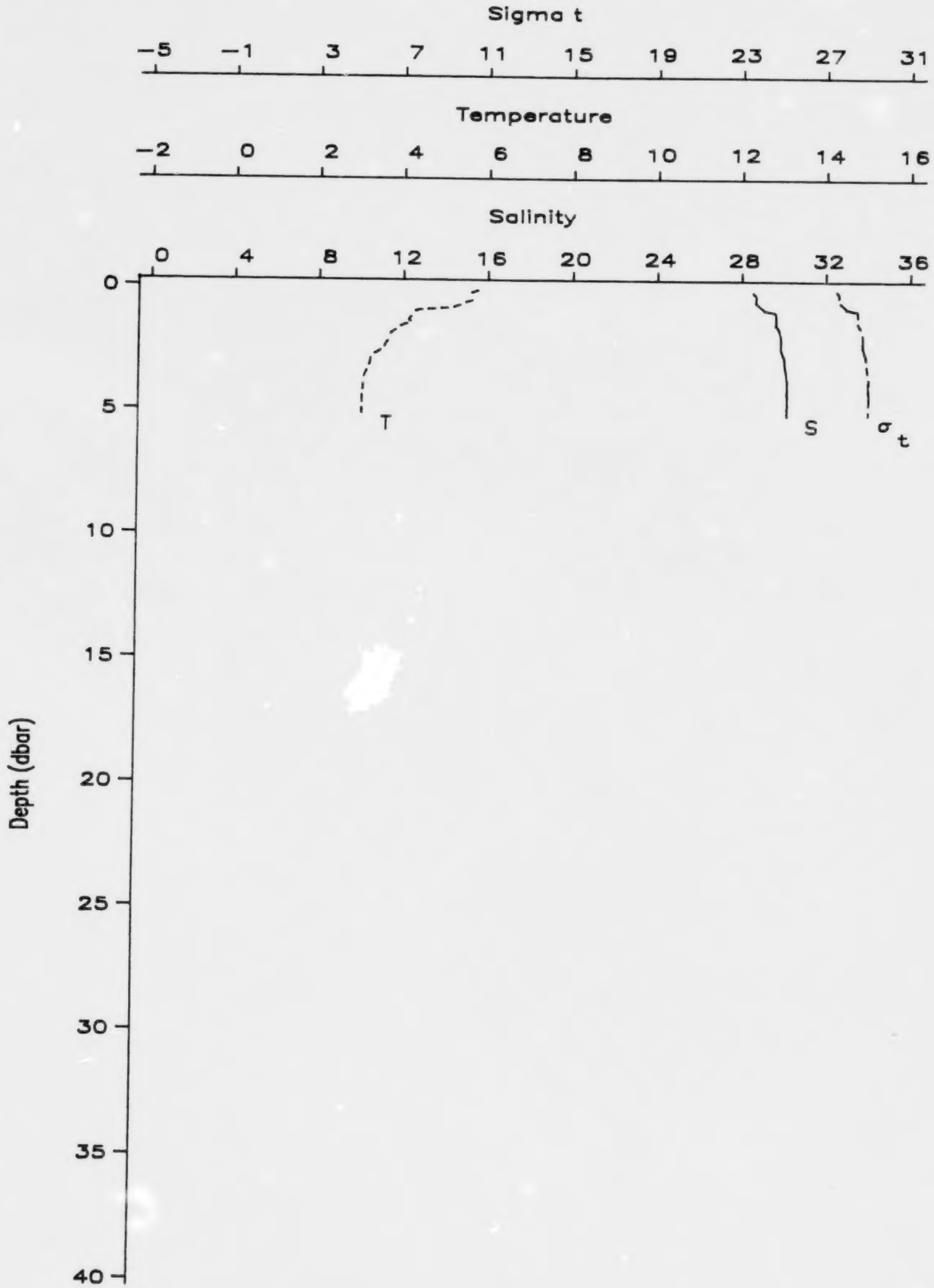

Table A1.55. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86053, August 6, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	28.53	5.72	1022.48	2.0	29.85	3.64	1023.72	3.4	30.07	3.11	1023.94
0.3	28.65	5.57	1022.59	2.1	29.86	3.63	1023.73	3.7	30.12	3.03	1023.99
0.5	28.63	5.60	1022.57	2.2	29.85	3.62	1023.73	3.8	30.14	3.01	1024.01
0.6	28.64	5.59	1022.58	2.3	29.84	3.57	1023.72	3.9	30.12	3.02	1023.99
0.9	29.04	5.12	1022.94	2.5	29.85	3.51	1023.73	4.2	30.12	3.00	1023.99
1.0	29.57	4.31	1023.44	2.6	29.89	3.45	1023.77	4.3	30.11	3.01	1023.98
1.1	29.62	4.21	1023.49	2.7	29.92	3.37	1023.80	4.4	30.14	2.99	1024.01
1.4	29.63	4.09	1023.51	2.8	29.97	3.28	1023.85	4.7	30.14	2.99	1024.01
1.5	29.57	4.15	1023.46	2.9	30.01	3.20	1023.89	4.9	30.11	2.99	1023.98
1.6	29.67	3.97	1023.55	3.1	30.02	3.18	1023.90	5.0	30.12	2.99	1023.99
1.7	29.75	3.85	1023.63	3.3	30.05	3.14	1023.92	5.2	30.12	2.99	1023.99

STATION: 86054 DATE: 06 August

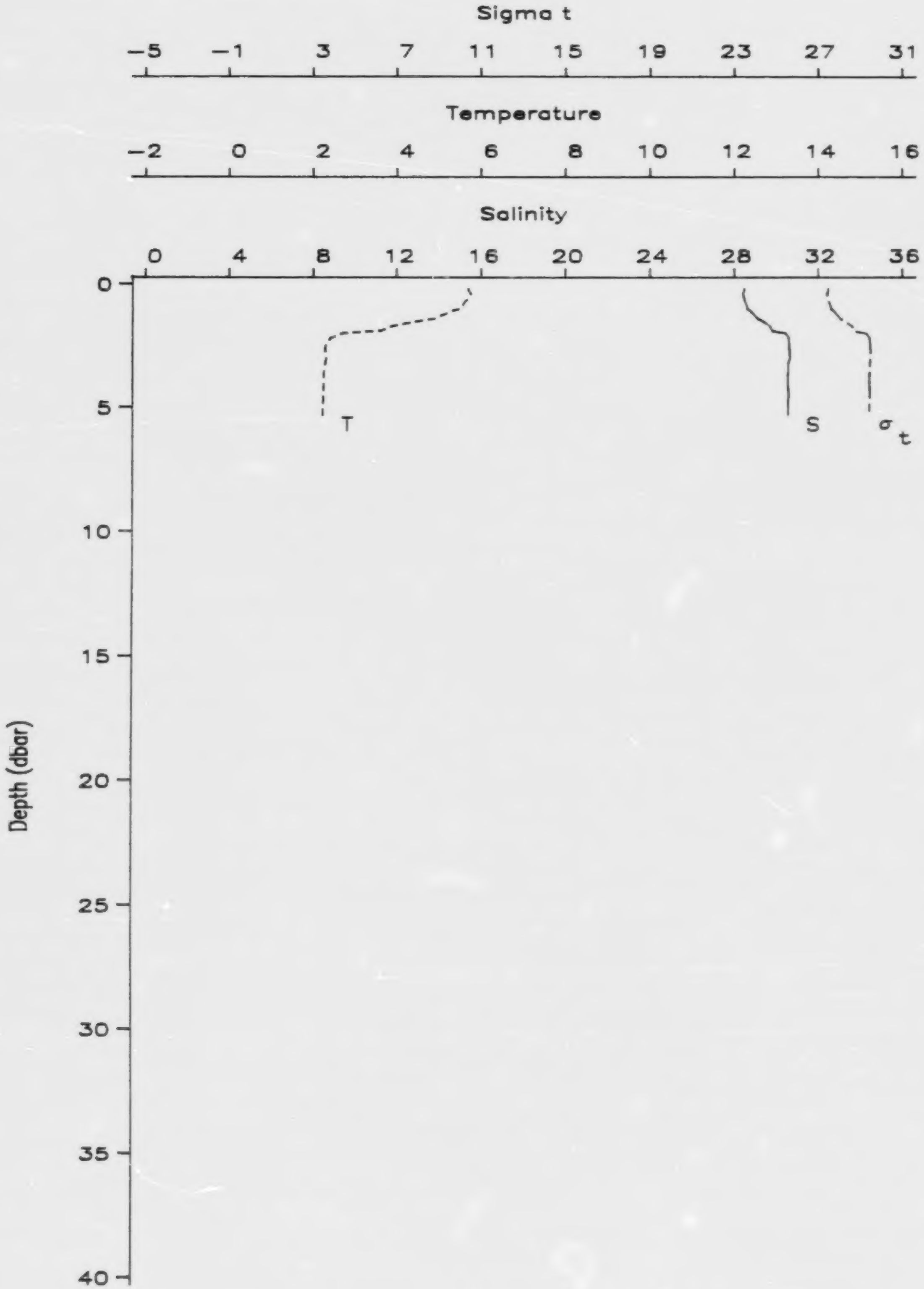

Table A1.56. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86054, August 6, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	28.49	5.67	1022.45	2.0	30.45	2.68	1024.28	4.0	30.55	2.23	1024.39
0.4	28.41	5.74	1022.38	2.2	30.61	2.40	1024.43	4.2	30.57	2.22	1024.41
0.5	28.46	5.66	1022.43	2.4	30.63	2.29	1024.45	4.3	30.58	2.22	1024.42
0.6	28.48	5.65	1022.44	2.6	30.63	2.27	1024.45	4.5	30.59	2.22	1024.42
1.0	28.65	5.47	1022.60	2.7	30.66	2.26	1024.48	4.7	30.55	2.22	1024.39
1.1	28.80	5.28	1022.74	2.8	30.64	2.30	1024.46	4.8	30.55	2.22	1024.39
1.4	29.12	4.88	1023.03	3.0	30.64	2.30	1024.46	4.9	30.55	2.21	1024.39
1.5	29.36	4.50	1023.26	3.2	30.57	2.26	1024.41	5.3	30.54	2.21	1024.39
1.7	29.69	3.88	1023.58	3.6	30.57	2.23	1024.41				
1.9	29.84	3.59	1023.72	3.7	30.54	2.23	1024.38				

STATION: 86053 DATE: 08 August

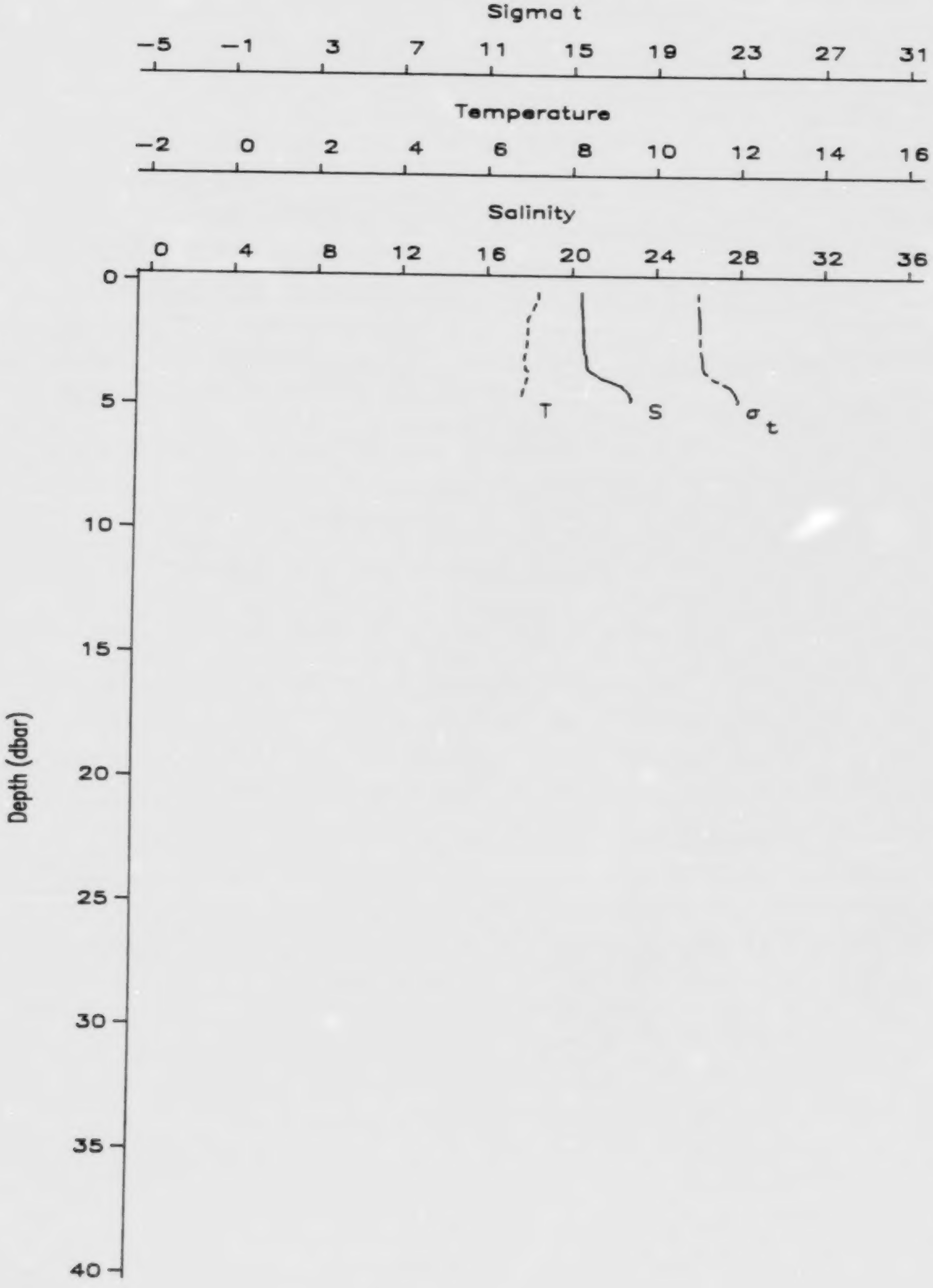

Table A1.57. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86053, August 8, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	20.47	7.19	1015.98	2.1	20.56	6.94	1016.07	3.6	20.86	6.95	1016.31
0.5	20.46	7.20	1015.97	2.3	20.57	6.92	1016.08	3.7	21.07	6.95	1016.47
0.7	20.45	7.19	1015.96	2.4	20.57	6.93	1016.08	3.9	21.42	6.94	1016.75
0.8	20.46	7.16	1015.97	2.5	20.57	6.93	1016.08	4.0	21.80	6.91	1017.05
0.9	20.46	7.12	1015.98	2.7	20.59	6.91	1016.10	4.1	22.09	6.90	1017.28
1.2	20.51	7.04	1016.03	2.9	20.64	6.89	1016.14	4.2	22.38	6.88	1017.51
1.4	20.54	6.97	1016.06	3.0	20.69	6.87	1016.18	4.4	22.61	6.83	1017.70
1.5	20.54	6.94	1016.06	3.1	20.70	6.86	1016.19	4.5	22.72	6.82	1017.78
1.8	20.55	6.95	1016.07	3.2	20.71	6.88	1016.20	4.6	22.75	6.80	1017.81
1.9	20.56	6.94	1016.07	3.4	20.73	6.90	1016.21	4.7	22.85	6.81	1017.89
2.0	20.56	6.94	1016.07	3.5	20.76	6.90	1016.24	4.8	22.78	6.79	1017.83

STATION: 86055 DATE: 09 August

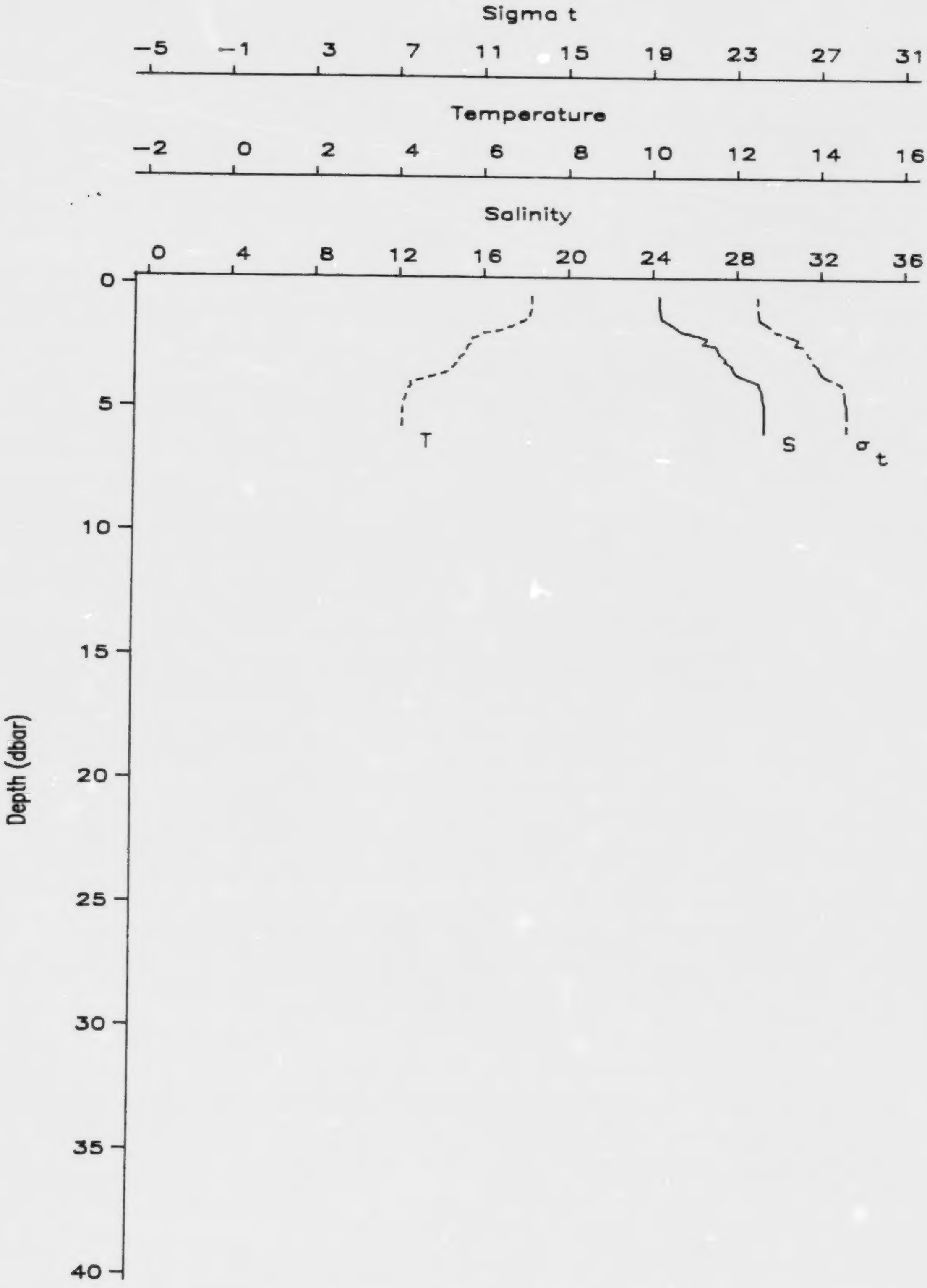

Table A1.58. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86055, August 9, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	24.32	7.12	1019.01	2.5	26.98	5.61	1021.26	4.6	29.20	4.14	1023.16
0.8	24.32	7.12	1019.01	2.6	27.07	5.59	1021.34	4.8	29.28	4.08	1023.23
1.0	24.33	7.12	1019.01	2.8	27.16	5.56	1021.41	4.9	29.30	4.07	1023.25
1.3	24.39	7.06	1019.07	3.0	27.44	5.41	1021.65	5.1	29.30	4.06	1023.25
1.4	24.42	7.03	1019.09	3.1	27.42	5.42	1021.63	5.2	29.31	4.06	1023.26
1.5	24.62	6.92	1019.26	3.3	27.74	5.29	1021.90	5.3	29.30	4.08	1023.25
1.6	24.82	6.79	1019.44	3.5	27.85	5.18	1021.99	5.4	29.31	4.07	1023.26
1.7	25.01	6.66	1019.60	3.6	27.93	5.09	1022.07	5.6	29.31	4.06	1023.26
1.9	25.32	6.33	1019.88	3.7	28.12	4.88	1022.24	5.7	29.30	4.06	1023.25
2.0	25.76	5.94	1020.27	4.0	29.05	4.25	1023.03	5.9	29.30	4.05	1023.25
2.1	26.22	5.91	1020.63	4.1	29.04	4.28	1023.02	6.0	29.30	4.05	1023.25
2.2	26.57	5.72	1020.93	4.3	29.18	4.18	1023.14				
2.4	26.38	5.71	1020.78	4.5	29.21	4.15	1023.17				

STATION: 86056 DATE: 10 August

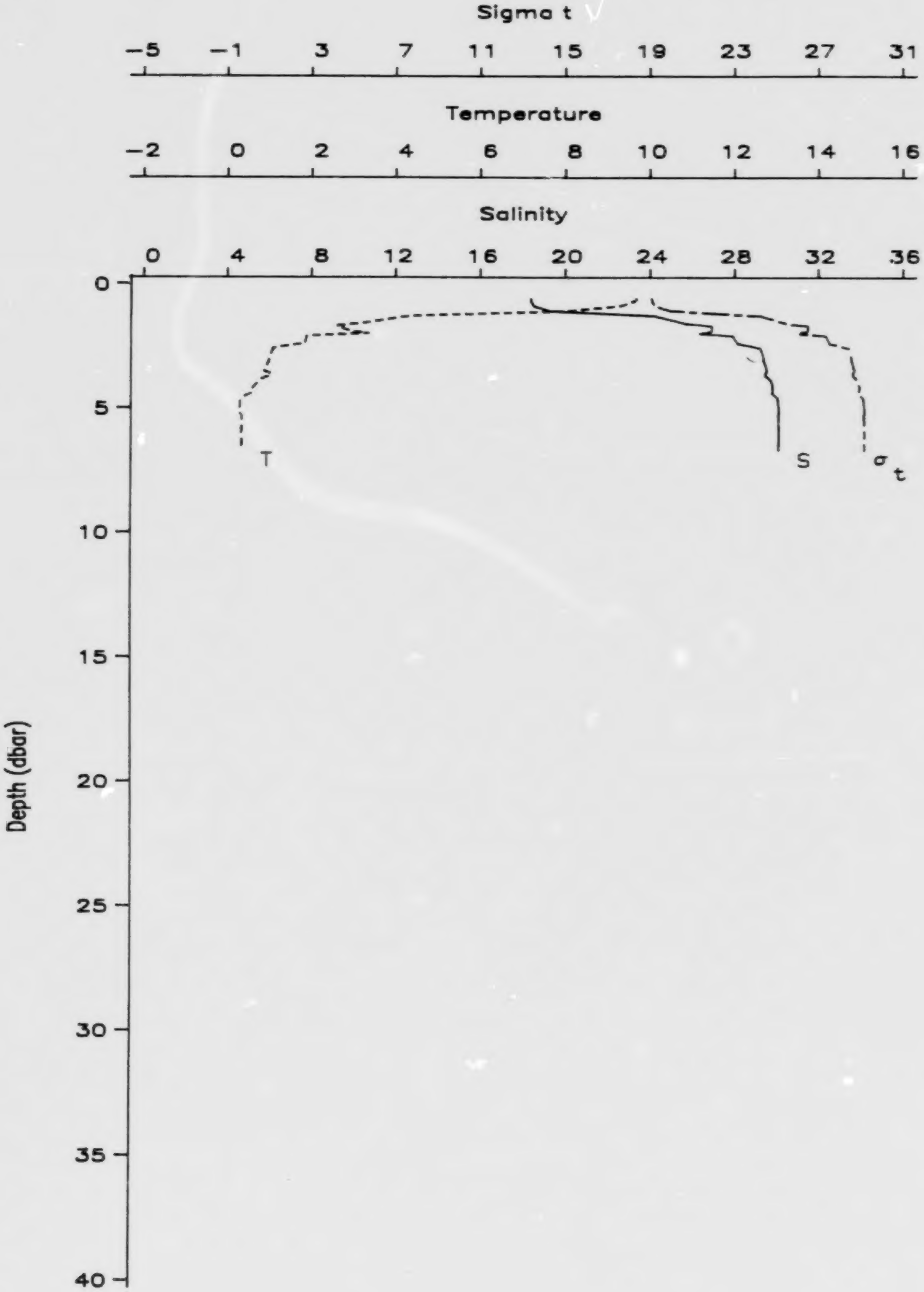

Table A1.59. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86056, August 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	18.38	9.67	1014.05	3.0	29.37	0.96	1023.52	5.1	30.08	0.26	1024.13
0.7	18.39	9.63	1014.07	3.1	29.37	0.97	1023.52	5.2	30.08	0.27	1024.13
0.9	18.53	9.27	1014.22	3.3	29.46	0.91	1023.60	5.3	30.03	0.32	1024.08
1.1	19.31	8.04	1014.98	3.5	29.52	0.85	1023.65	5.4	30.05	0.32	1024.10
1.3	24.28	4.30	1019.25	3.6	29.44	0.98	1023.58	5.6	30.06	0.32	1024.11
1.6	25.67	3.15	1020.44	3.7	29.43	1.02	1023.57	5.7	30.05	0.32	1024.10
1.7	26.90	2.59	1021.45	3.8	29.58	0.85	1023.70	5.8	30.07	0.31	1024.12
1.9	26.87	2.90	1021.41	3.9	29.71	0.73	1023.81	6.0	30.07	0.31	1024.12
2.0	26.36	3.35	1020.97	4.1	29.79	0.63	1023.88	6.2	30.07	0.31	1024.12
2.1	27.89	1.87	1022.29	4.2	29.79	0.58	1023.88	6.4	30.06	0.32	1024.11
2.4	28.13	1.81	1022.48	4.4	29.74	0.56	1023.84	6.5	30.05	0.32	1024.10
2.5	28.73	1.42	1022.99	4.6	29.99	0.32	1024.05	6.7	30.05	0.32	1024.10
2.6	29.20	1.07	1023.38	4.7	30.04	0.28	1024.09				

STATION: 86057 DATE: 10 August

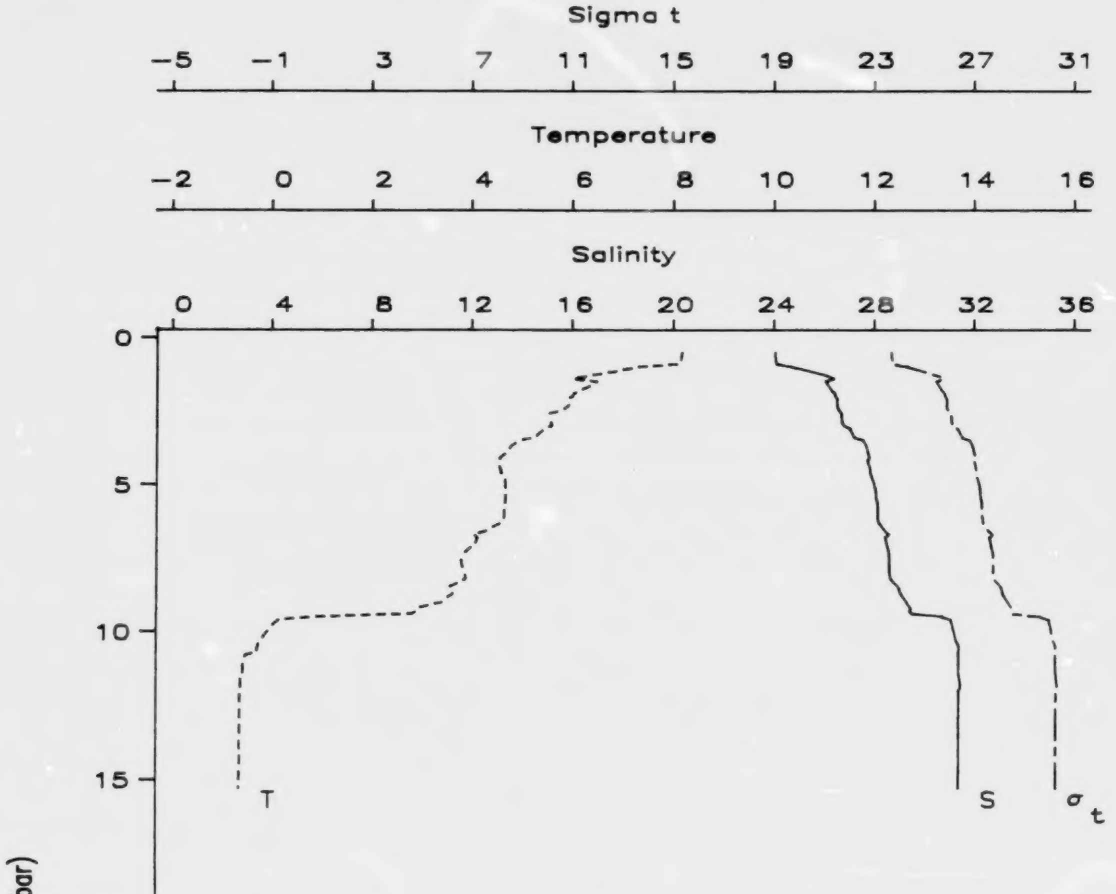

Table A1.60. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86057, August 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	24.04	8.15	1018.66	5.1	28.01	4.65	1022.17	10.4	31.29	-0.29	1025.12
0.6	24.05	8.14	1018.67	5.2	28.03	4.65	1022.19	10.5	31.35	-0.30	1025.17
0.8	24.08	8.12	1018.70	5.3	28.05	4.65	1022.20	10.7	31.30	-0.33	1025.13
0.9	24.11	8.08	1018.73	5.5	28.07	4.64	1022.22	10.8	31.32	-0.54	1025.16
1.0	24.72	7.29	1019.30	5.6	28.10	4.63	1022.25	10.9	31.31	-0.57	1025.15
1.3	26.11	6.32	1020.50	5.8	28.12	4.61	1022.26	11.1	31.31	-0.60	1025.15
1.4	26.38	5.99	1020.75	6.1	28.12	4.61	1022.26	11.4	31.32	-0.61	1025.16
1.5	26.05	6.47	1020.44	6.3	28.15	4.55	1022.29	11.5	31.34	-0.63	1025.18
1.8	26.28	6.14	1020.66	6.6	28.41	4.22	1022.53	11.6	31.36	-0.65	1025.19
1.9	26.41	6.00	1020.77	6.7	28.56	4.00	1022.67	11.8	31.39	-0.64	1025.22
2.0	26.44	5.97	1020.80	6.8	28.41	4.08	1022.54	11.9	31.38	-0.64	1025.21
2.1	26.51	5.87	1020.87	7.0	28.46	4.03	1022.59	12.0	31.32	-0.66	1025.16
2.3	26.50	5.90	1020.85	7.1	28.49	3.97	1022.61	12.2	31.31	-0.66	1025.15
2.4	26.53	5.84	1020.88	7.3	28.55	3.84	1022.67	12.6	31.31	-0.66	1025.15
2.5	26.60	5.71	1020.95	7.4	28.56	3.78	1022.69	12.9	31.31	-0.66	1025.15
2.6	26.69	5.50	1021.05	7.6	28.58	3.75	1022.70	13.1	31.31	-0.67	1025.15
2.9	26.70	5.56	1021.05	7.8	28.57	3.78	1022.69	13.2	31.30	-0.66	1025.14
3.0	26.78	5.57	1021.11	7.9	28.56	3.83	1022.68	13.4	31.30	-0.66	1025.14
3.1	27.00	5.41	1021.30	8.2	28.61	3.85	1022.72	13.5	31.30	-0.67	1025.15
3.4	27.20	5.22	1021.48	8.5	28.92	3.50	1023.00	14.0	31.30	-0.67	1025.15
3.5	27.55	4.92	1021.78	8.7	29.00	3.59	1023.05	14.1	31.29	-0.66	1025.14
3.7	27.68	4.75	1021.90	9.0	29.23	3.36	1023.25	14.6	31.30	-0.67	1025.15
3.9	27.73	4.67	1021.95	9.2	29.40	2.87	1023.43	14.7	31.30	-0.67	1025.15
4.1	27.79	4.53	1022.01	9.3	29.36	2.87	1023.40	14.8	31.30	-0.67	1025.15
4.2	27.71	4.49	1021.95	9.4	29.45	2.77	1023.47	15.0	31.30	-0.68	1025.15
4.5	27.83	4.55	1022.04	9.5	30.67	0.88	1024.57	15.1	31.30	-0.68	1025.15
4.6	27.83	4.55	1022.04	9.6	31.02	0.11	1024.89	15.2	31.30	-0.68	1025.15
4.7	27.86	4.64	1022.05	9.9	31.11	-0.07	1024.97	15.3	31.30	-0.68	1025.15
4.9	27.95	4.65	1022.12	10.3	31.23	-0.25	1025.07				

STATION: 86058 DATE: 11 August

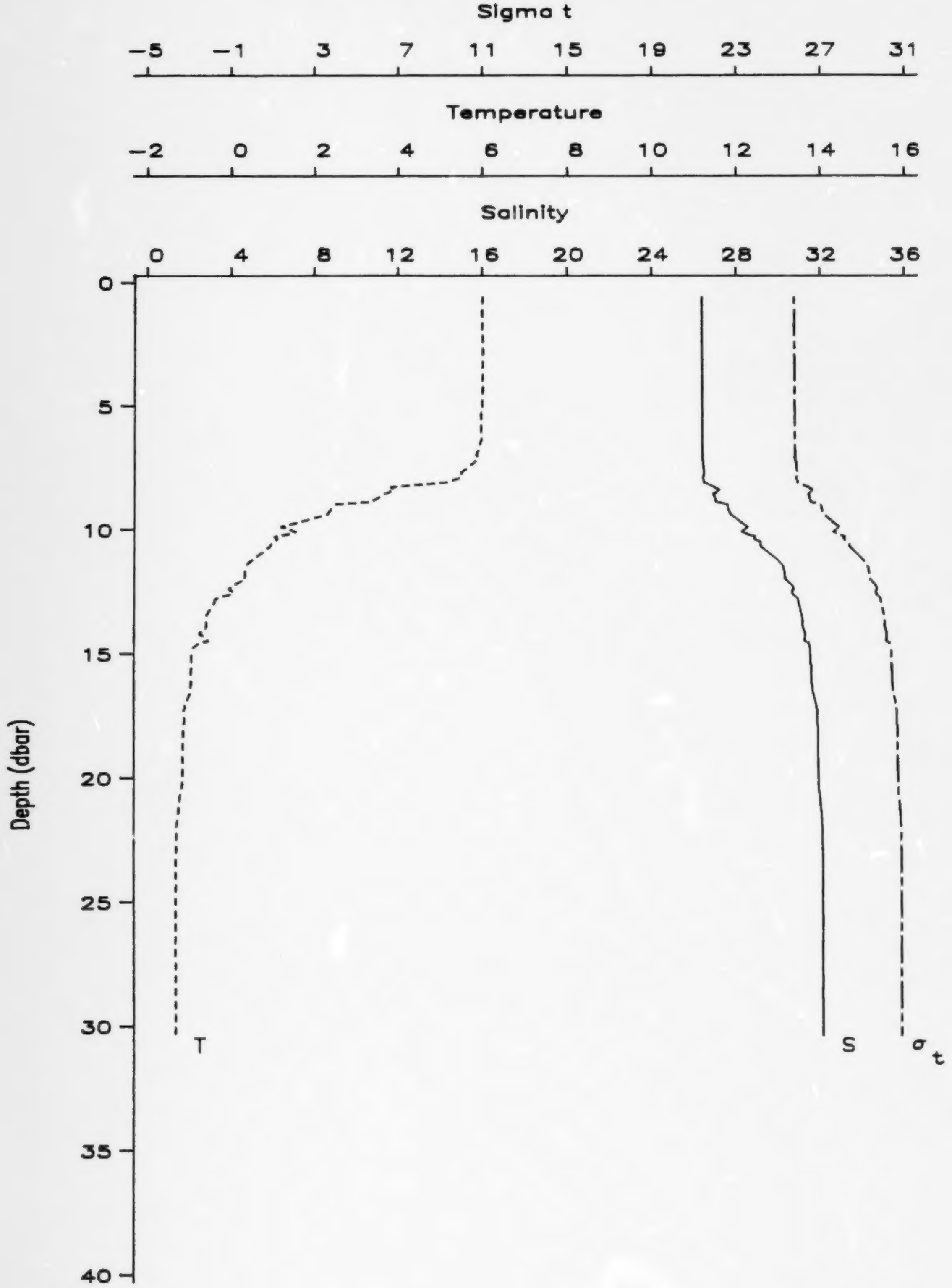

Table A1.61. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86058, August 11, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	26.39	5.98	1020.76	8.9	27.05	3.33	1021.52	17.8	31.84	-1.14	1025.60
0.7	26.39	5.98	1020.76	9.0	27.57	2.48	1021.99	18.0	31.90	1.17	1025.65
0.8	26.39	5.98	1020.76	9.2	27.62	2.36	1022.04	18.2	31.89	-1.16	1025.64
1.1	26.39	5.98	1020.76	9.4	27.73	2.28	1022.14	18.3	31.88	-1.16	1025.63
1.2	26.39	5.97	1020.76	9.7	28.19	1.63	1022.54	18.8	31.89	-1.17	1025.64
1.7	26.38	5.98	1020.75	9.9	28.52	1.17	1022.83	19.2	31.91	-1.17	1025.65
1.8	26.39	5.98	1020.76	10.1	28.27	1.52	1022.61	19.3	31.91	-1.17	1025.65
1.9	26.39	5.97	1020.76	10.2	28.47	1.32	1022.78	19.4	31.90	-1.16	1025.65
2.0	26.39	5.98	1020.76	10.3	28.89	1.01	1023.13	19.5	31.91	-1.17	1025.65
2.2	26.39	5.98	1020.76	10.4	28.85	1.07	1023.10	19.7	31.92	-1.17	1025.66
2.4	26.40	5.98	1020.77	10.5	29.11	0.95	1023.31	19.9	31.92	-1.17	1025.66
2.6	26.39	5.99	1020.76	10.7	29.17	0.89	1023.37	20.2	31.93	-1.18	1025.67
2.9	26.39	5.99	1020.76	11.3	30.03	0.42	1024.08	20.3	31.92	-1.18	1025.66
3.0	26.39	5.98	1020.76	11.5	30.23	0.31	1024.24	20.6	31.95	-1.22	1025.69
3.1	26.40	5.98	1020.77	11.6	30.25	0.30	1024.26	20.9	32.00	-1.25	1025.73
3.3	26.39	5.98	1020.76	11.8	30.31	0.29	1024.31	21.0	32.00	-1.25	1025.73
3.4	26.40	5.98	1020.77	11.9	30.30	0.29	1024.30	21.1	32.02	-1.26	1025.75
3.5	26.40	5.98	1020.77	12.0	30.33	0.29	1024.33	21.3	32.02	-1.27	1025.75
3.8	26.40	5.98	1020.77	12.3	30.69	0.01	1024.63	21.4	32.06	-1.27	1025.78
3.9	26.40	5.98	1020.77	12.4	30.73	-0.09	1024.66	21.9	32.08	-1.31	1025.80
4.0	26.40	5.98	1020.77	12.5	30.65	-0.01	1024.60	22.0	32.10	-1.32	1025.81
4.1	26.39	5.98	1020.76	12.6	30.65	0.01	1024.60	22.3	32.10	-1.31	1025.81
4.3	26.40	5.98	1020.77	12.8	30.92	-0.40	1024.83	22.4	32.10	-1.32	1025.81
4.4	26.40	5.98	1020.77	13.0	30.97	-0.44	1024.87	22.5	32.10	-1.32	1025.81
4.6	26.38	5.98	1020.75	13.3	31.07	-0.56	1024.96	22.6	32.11	-1.33	1025.82
4.7	26.39	5.97	1020.76	13.5	31.13	-0.62	1025.01	22.9	32.12	-1.32	1025.83
5.1	26.40	5.97	1020.77	13.7	31.16	-0.62	1025.03	23.1	32.13	-1.33	1025.84
5.2	26.41	5.96	1020.78	13.9	31.16	-0.62	1025.03	23.2	32.13	-1.33	1025.84
5.4	26.41	5.94	1020.78	14.0	31.18	-0.64	1025.05	23.5	32.12	-1.33	1025.83
5.5	26.38	5.95	1020.75	14.2	31.28	-0.78	1025.13	23.6	32.12	-1.33	1025.83
5.6	26.40	5.95	1020.77	14.5	31.22	-0.56	1025.08	23.8	32.11	-1.33	1025.82
5.7	26.40	5.94	1020.77	14.6	31.44	-0.81	1025.26	24.0	32.12	-1.33	1025.83
6.0	26.39	5.95	1020.76	14.8	31.52	-0.94	1025.33	24.1	32.13	-1.33	1025.84
6.4	26.40	5.95	1020.77	15.1	31.54	-0.97	1025.35	24.2	32.13	-1.32	1025.84
6.7	26.40	5.88	1020.78	15.4	31.54	-0.95	1025.35	24.5	32.12	-1.33	1025.83
6.8	26.41	5.88	1020.79	15.5	31.58	-0.96	1025.38	25.0	32.12	-1.33	1025.83
7.0	26.41	5.83	1020.79	15.6	31.57	-0.97	1025.37	25.2	32.12	-1.33	1025.83
7.1	26.39	5.88	1020.77	15.7	31.58	-0.98	1025.38	25.3	32.13	-1.33	1025.84
7.2	26.42	5.83	1020.80	16.1	31.59	-0.98	1025.39	25.5	32.12	-1.33	1025.83
7.3	26.44	5.78	1020.82	16.2	31.59	-0.97	1025.39	25.6	32.14	-1.33	1025.85
7.7	26.49	5.48	1020.89	16.3	31.62	-0.99	1025.41	25.7	32.12	-1.34	1025.83
7.9	26.42	5.46	1020.84	16.6	31.66	-1.00	1025.45	25.8	32.13	-1.33	1025.84
8.1	26.47	5.17	1020.90	17.1	31.82	-1.13	1025.58	26.3	32.13	-1.33	1025.84
8.3	26.96	3.80	1021.41	17.2	31.80	-1.11	1025.56	26.6	32.12	-1.34	1025.83
8.4	27.19	3.87	1021.59	17.3	31.87	-1.15	1025.62	26.8	32.13	-1.33	1025.84
8.6	26.92	3.62	1021.40	17.4	31.84	-1.14	1025.60	26.9	32.12	-1.34	1025.83

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Table A1.61. Station 86058 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
27.0	32.13	-1.33	1025.84	28.5	32.13	-1.33	1025.84	29.9	32.14	-1.33	1025.85
27.2	32.13	-1.33	1025.84	28.7	32.13	-1.33	1025.84	30.1	32.14	-1.33	1025.85
27.6	32.13	-1.33	1025.84	28.8	32.13	-1.33	1025.84	30.3	32.14	-1.33	1025.85
27.8	32.12	-1.33	1025.83	28.9	32.13	-1.33	1025.84	30.4	32.14	-1.34	1025.85
28.1	32.14	-1.33	1025.85	29.2	32.14	-1.33	1025.85				
28.4	32.13	-1.33	1025.84	29.5	32.13	-1.33	1025.84				

STATION: 86059 DATE: 11 August

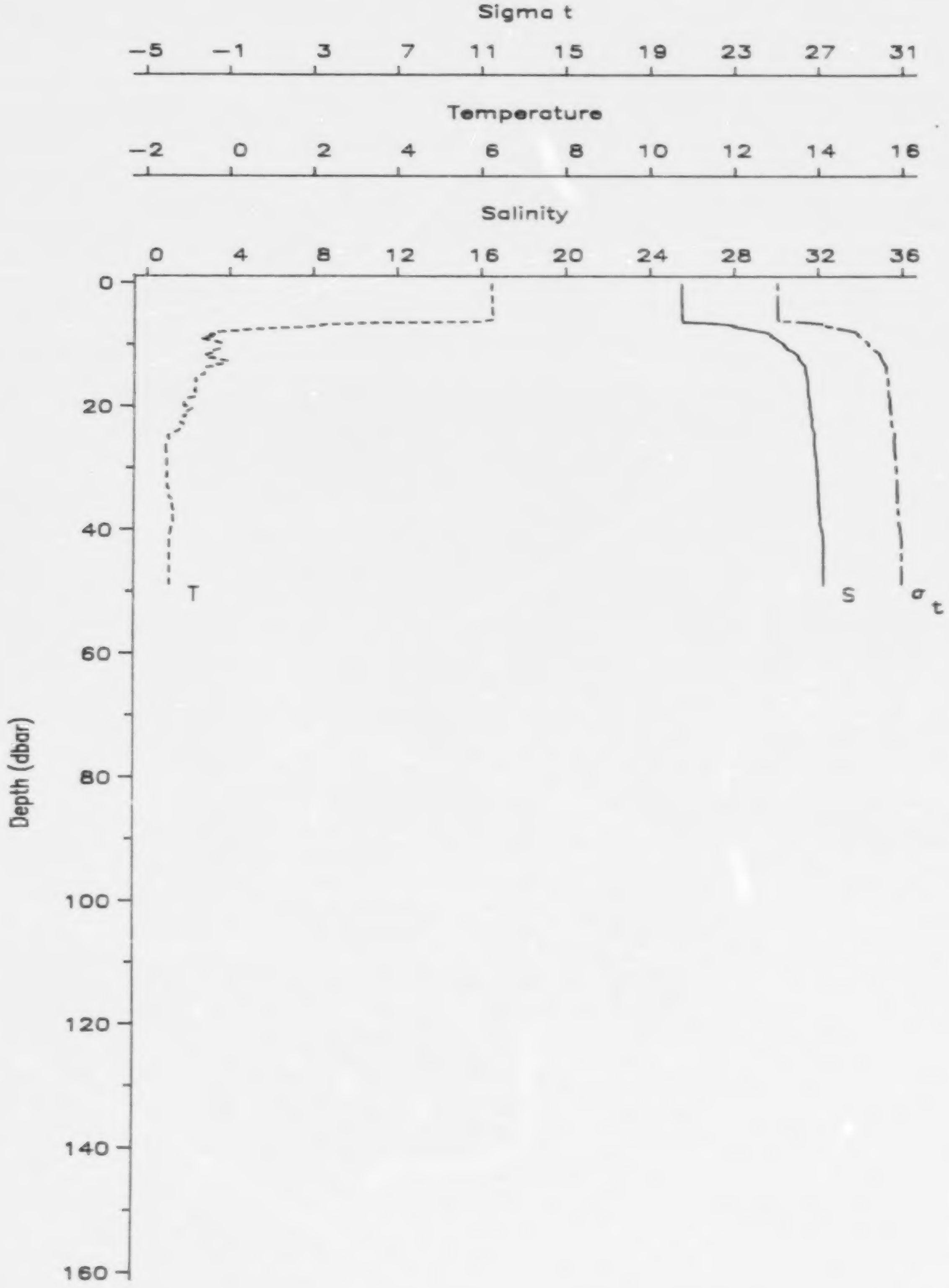

Table A1.62. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86059, August 11, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	25.50	6.22	1020.03	8.7	29.75	-0.36	1023.88	18.2	31.53	-0.81	1025.34
0.4	25.50	6.21	1020.03	9.0	29.94	-0.61	1024.04	18.4	31.54	-0.82	1025.34
0.5	25.50	6.22	1020.03	9.1	29.96	-0.70	1024.06	18.5	31.54	-0.82	1025.34
0.7	25.50	6.22	1020.03	9.2	30.02	-0.65	1024.11	18.6	31.57	-0.86	1025.37
0.9	25.50	6.22	1020.03	9.7	30.23	-0.30	1024.27	18.9	31.59	-1.05	1025.39
1.0	25.50	6.22	1020.03	9.9	30.36	-0.22	1024.37	19.3	31.59	-1.13	1025.39
1.1	25.49	6.22	1020.03	10.2	30.33	-0.24	1024.35	19.6	31.60	-1.11	1025.40
1.2	25.49	6.22	1020.03	10.3	30.41	-0.22	1024.41	19.8	31.60	-1.11	1025.40
1.5	25.50	6.22	1020.03	10.5	30.46	-0.22	1024.45	20.0	31.61	-1.11	1025.41
1.7	25.49	6.23	1020.02	10.7	30.49	-0.22	1024.48	20.1	31.59	-1.09	1025.39
2.0	25.49	6.23	1020.02	11.1	30.74	-0.40	1024.68	20.2	31.55	-0.98	1025.36
2.1	25.50	6.23	1020.03	11.2	30.81	-0.35	1024.74	20.4	31.61	-0.91	1025.40
2.3	25.50	6.23	1020.03	11.6	30.95	-0.49	1024.86	21.1	31.64	-1.06	1025.43
2.4	25.50	6.23	1020.03	11.7	30.98	-0.55	1024.88	21.2	31.63	-1.02	1025.42
2.6	25.50	6.23	1020.03	11.8	31.01	-0.59	1024.91	21.3	31.65	-1.05	1025.44
2.7	25.50	6.23	1020.03	11.9	31.07	-0.60	1024.96	21.4	31.65	-1.07	1025.44
3.1	25.51	6.23	1020.04	12.1	31.07	-0.61	1024.96	21.6	31.67	-1.11	1025.46
3.3	25.50	6.23	1020.03	12.3	31.05	-0.41	1024.93	21.7	31.66	-1.07	1025.45
3.6	25.49	6.22	1020.03	12.8	31.20	-0.06	1025.04	21.8	31.67	-1.13	1025.46
3.7	25.51	6.24	1020.04	13.1	31.25	-0.16	1025.09	22.1	31.70	-1.18	1025.48
3.8	25.51	6.23	1020.04	13.2	31.28	-0.18	1025.11	22.5	31.67	-1.23	1025.46
3.9	25.50	6.24	1020.03	13.3	31.31	-0.24	1025.14	22.7	31.66	-1.19	1025.45
4.1	25.51	6.23	1020.04	13.4	31.38	-0.37	1025.20	22.8	31.66	-1.20	1025.45
4.2	25.51	6.24	1020.04	13.5	31.36	-0.34	1025.18	22.9	31.67	-1.14	1025.46
4.3	25.51	6.25	1020.04	13.7	31.37	-0.46	1025.19	23.0	31.66	-1.11	1025.45
4.9	25.52	6.26	1020.04	13.8	31.40	-0.64	1025.23	23.3	31.69	-1.13	1025.47
5.2	25.52	6.26	1020.04	14.2	31.39	-0.64	1025.22	23.5	31.73	-1.17	1025.51
5.4	25.52	6.27	1020.04	14.5	31.39	-0.63	1025.22	23.8	31.75	-1.20	1025.53
5.5	25.51	6.27	1020.04	14.6	31.41	-0.62	1025.23	23.9	31.77	-1.24	1025.54
5.6	25.52	6.27	1020.04	14.9	31.42	-0.63	1025.24	24.0	31.78	-1.25	1025.55
5.8	25.51	6.27	1020.04	15.0	31.46	-0.69	1025.28	24.1	31.77	-1.25	1025.54
5.9	25.51	6.27	1020.04	15.4	31.46	-0.79	1025.28	24.5	31.83	-1.39	1025.60
6.0	25.51	6.27	1020.04	15.5	31.47	-0.84	1025.29	24.6	31.81	-1.44	1025.58
6.4	25.56	5.97	1020.11	15.8	31.48	-0.85	1025.30	24.8	31.81	-1.48	1025.58
6.6	27.00	3.59	1021.46	15.9	31.48	-0.84	1025.30	25.0	31.82	-1.51	1025.59
6.9	27.86	2.23	1022.24	16.0	31.47	-0.81	1025.29	25.1	31.82	-1.51	1025.59
7.0	28.03	2.17	1022.38	16.1	31.49	-0.84	1025.30	25.3	31.78	-1.47	1025.56
7.1	27.93	2.11	1022.31	16.4	31.49	-0.86	1025.30	25.4	31.77	-1.46	1025.55
7.3	28.16	1.84	1022.51	16.5	31.49	-0.85	1025.30	25.5	31.80	-1.52	1025.57
7.4	28.48	1.45	1022.78	16.7	31.49	-0.86	1025.30	25.7	31.78	-1.52	1025.56
7.6	28.73	0.63	1023.02	17.0	31.50	-0.86	1025.31	26.0	31.80	-1.51	1025.57
7.9	29.24	0.14	1023.45	17.1	31.50	-0.85	1025.31	26.1	31.79	-1.51	1025.57
8.1	29.57	-0.31	1023.74	17.2	31.49	-0.84	1025.30	26.4	31.82	-1.53	1025.59
8.4	29.70	-0.44	1023.84	17.4	31.51	-0.86	1025.32	26.5	31.82	-1.55	1025.59
8.5	29.77	-0.49	1023.90	17.5	31.53	-0.88	1025.34	26.7	31.83	-1.56	1025.60
8.6	29.75	-0.34	1023.88	18.0	31.51	-0.81	1025.32	26.8	31.83	-1.56	1025.60

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Table A1.62. Station 86059 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
27.0	31.82	-1.54	1025.59	34.1	31.98	-1.47	1025.72	41.5	32.23	-1.45	1025.92
27.1	31.80	-1.54	1025.57	34.3	32.00	-1.47	1025.73	41.8	32.24	-1.46	1025.93
27.2	31.82	-1.54	1025.59	34.4	31.99	-1.47	1025.73	42.0	32.24	-1.46	1025.93
27.4	31.84	-1.54	1025.61	34.5	32.00	-1.48	1025.74	42.4	32.24	-1.46	1025.93
27.6	31.84	-1.53	1025.61	34.6	32.00	-1.48	1025.74	42.5	32.23	-1.46	1025.92
27.7	31.86	-1.52	1025.62	34.7	31.99	-1.48	1025.73	42.6	32.24	-1.46	1025.93
28.0	31.86	-1.51	1025.62	35.0	31.98	-1.43	1025.72	42.9	32.24	-1.46	1025.93
28.2	31.87	-1.50	1025.63	35.4	32.01	-1.35	1025.74	43.0	32.24	-1.46	1025.93
28.3	31.88	-1.51	1025.64	35.5	31.95	-1.34	1025.69	43.3	32.23	-1.46	1025.92
28.5	31.89	-1.52	1025.65	35.6	31.98	-1.35	1025.72	43.6	32.22	-1.46	1025.91
28.6	31.88	-1.52	1025.64	35.7	32.02	-1.35	1025.75	43.7	32.24	-1.46	1025.93
28.7	31.88	-1.52	1025.64	35.8	32.02	-1.37	1025.75	43.9	32.23	-1.46	1025.92
28.8	31.90	-1.53	1025.66	36.0	32.04	-1.40	1025.77	44.1	32.24	-1.46	1025.93
29.1	31.90	-1.53	1025.66	36.2	32.02	-1.38	1025.75	44.2	32.24	-1.46	1025.93
29.6	31.91	-1.53	1025.66	36.5	32.04	-1.39	1025.77	44.4	32.24	-1.46	1025.93
29.7	31.91	-1.52	1025.66	36.9	32.05	-1.35	1025.77	44.5	32.22	-1.46	1025.91
29.8	31.91	-1.53	1025.66	37.1	32.06	-1.36	1025.78	44.6	32.24	-1.46	1025.93
29.9	31.91	-1.53	1025.66	37.2	32.05	-1.37	1025.77	44.7	32.24	-1.46	1025.93
30.1	31.92	-1.53	1025.67	37.3	32.05	-1.36	1025.77	45.2	32.23	-1.46	1025.92
30.3	31.93	-1.53	1025.68	37.5	32.06	-1.37	1025.78	45.3	32.24	-1.46	1025.93
30.4	31.93	-1.52	1025.68	37.6	32.08	-1.38	1025.80	45.5	32.24	-1.46	1025.93
30.9	31.94	-1.51	1025.69	37.7	32.06	-1.37	1025.78	45.6	32.24	-1.46	1025.93
31.1	31.95	-1.52	1025.70	38.0	32.08	-1.37	1025.80	46.0	32.24	-1.46	1025.93
31.2	31.95	-1.52	1025.70	38.1	32.08	-1.36	1025.80	46.2	32.24	-1.46	1025.93
31.3	31.95	-1.51	1025.70	38.7	32.09	-1.36	1025.81	46.6	32.24	-1.46	1025.93
31.5	31.96	-1.53	1025.70	38.8	32.09	-1.35	1025.80	46.7	32.24	-1.46	1025.93
31.7	31.96	-1.52	1025.70	38.9	32.09	-1.36	1025.81	46.8	32.24	-1.46	1025.93
31.8	31.96	-1.53	1025.70	39.1	32.09	-1.36	1025.81	47.0	32.24	-1.46	1025.93
32.2	31.98	-1.51	1025.72	39.3	32.11	-1.36	1025.82	47.1	32.24	-1.46	1025.93
32.5	31.98	-1.51	1025.72	39.6	32.13	-1.37	1025.84	47.3	32.24	-1.46	1025.93
32.6	31.98	-1.51	1025.72	39.8	32.16	-1.41	1025.86	47.4	32.24	-1.46	1025.93
32.8	31.98	-1.50	1025.72	40.1	32.17	-1.42	1025.87	47.9	32.23	-1.46	1025.92
33.0	31.97	-1.50	1025.71	40.2	32.18	-1.43	1025.88	48.1	32.24	-1.46	1025.93
33.1	31.98	-1.51	1025.72	40.3	32.17	-1.42	1025.87	48.3	32.24	-1.46	1025.93
33.3	31.96	-1.50	1025.70	40.7	32.21	-1.45	1025.90	48.4	32.24	-1.46	1025.93
33.4	31.98	-1.48	1025.72	40.9	32.22	-1.45	1025.91	48.7	32.24	-1.46	1025.93
33.6	31.98	-1.45	1025.72	41.3	32.21	-1.45	1025.90	48.8	32.24	-1.46	1025.93
34.0	31.99	-1.46	1025.73	41.4	32.23	-1.46	1025.92	48.9	32.24	-1.46	1025.93

STATION: 86060 DATE: 12 August

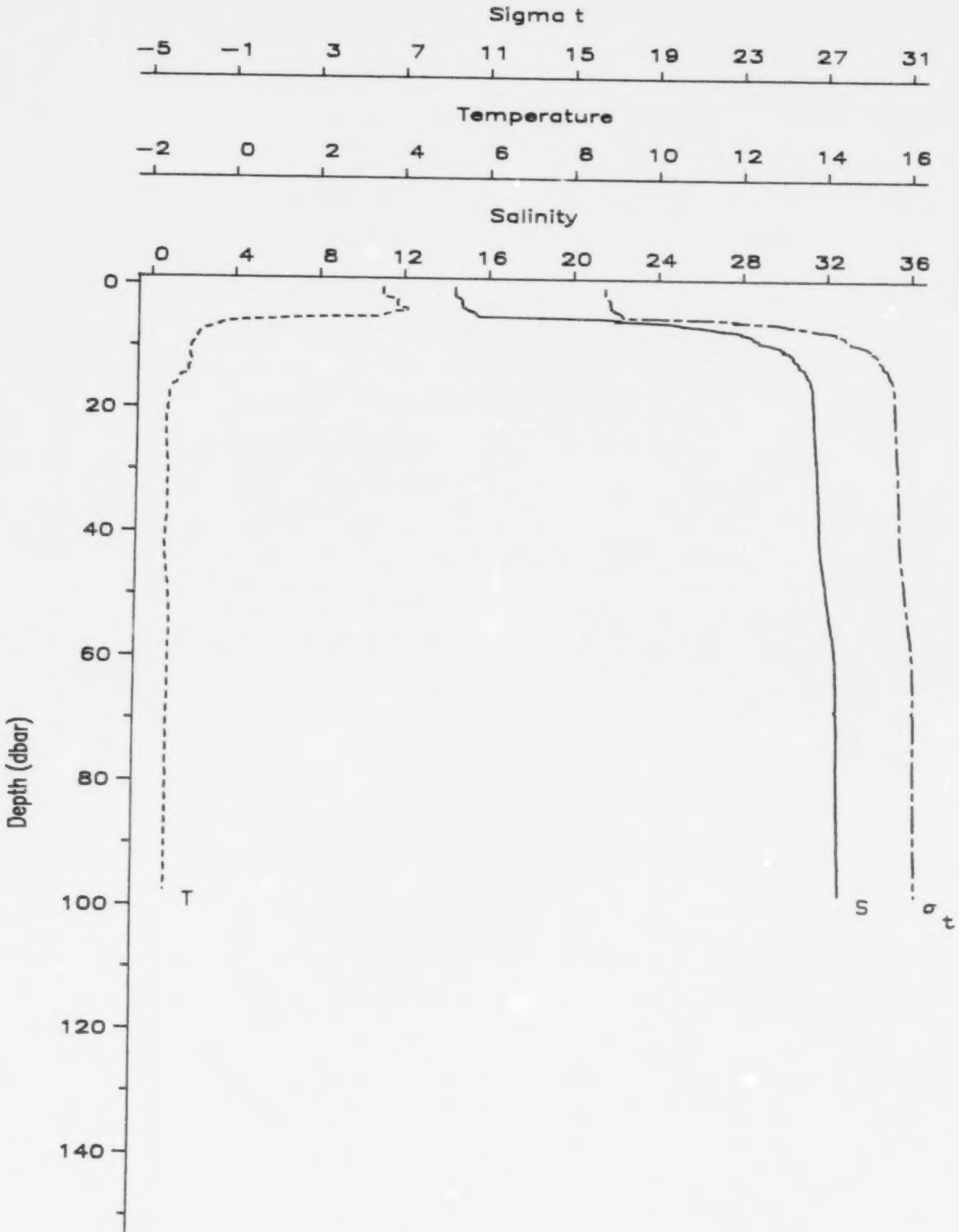

Table A1.63. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86060, August 12, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	14.41	3.48	1011.47	7.2	27.38	-0.75	1021.98	14.4	31.04	-1.11	1024.95
0.5	14.41	3.47	1011.47	7.3	27.73	-0.79	1022.26	14.6	31.12	-1.18	1025.01
0.7	14.41	3.47	1011.47	7.4	27.91	-0.83	1022.41	14.7	31.19	-1.27	1025.07
0.8	14.40	3.47	1011.46	7.5	27.94	-0.85	1022.43	15.0	31.21	-1.32	1025.09
0.9	14.40	3.47	1011.46	7.7	27.91	-0.85	1022.41	15.1	31.22	-1.33	1025.10
1.0	14.40	3.48	1011.46	7.8	28.18	-0.86	1022.63	15.3	31.25	-1.33	1025.12
1.1	14.41	3.47	1011.47	8.0	28.40	-0.88	1022.80	15.4	31.23	-1.33	1025.11
1.3	14.40	3.47	1011.46	8.2	28.47	-0.90	1022.86	15.6	31.23	-1.32	1025.11
1.5	14.41	3.48	1011.47	8.4	28.50	-0.91	1022.89	15.9	31.29	-1.37	1025.16
1.6	14.41	3.48	1011.47	8.5	28.59	-0.92	1022.96	16.1	31.30	-1.40	1025.17
1.8	14.43	3.50	1011.48	8.6	28.72	-0.94	1023.06	16.4	31.32	-1.48	1025.18
2.0	14.54	3.62	1011.56	8.8	28.78	-0.95	1023.11	16.5	31.32	-1.51	1025.18
2.2	14.66	3.78	1011.65	8.9	28.75	-0.96	1023.09	16.7	31.34	-1.53	1025.20
2.4	14.72	3.86	1011.70	9.0	28.77	-0.95	1023.11	16.8	31.34	-1.53	1025.20
2.5	14.75	3.82	1011.72	9.3	29.27	-0.99	1023.51	16.9	31.34	-1.53	1025.20
2.6	14.74	3.81	1011.72	9.5	29.45	-1.01	1023.66	17.2	31.33	-1.55	1025.19
2.7	14.71	3.81	1011.69	9.7	29.73	-1.04	1023.88	17.3	31.34	-1.55	1025.20
2.9	14.70	3.83	1011.68	9.9	29.80	-1.05	1023.94	17.6	31.34	-1.56	1025.20
3.0	14.69	3.83	1011.67	10.0	29.89	-1.06	1024.01	17.8	31.34	-1.56	1025.20
3.1	14.76	3.83	1011.73	10.1	29.95	-1.06	1024.06	18.0	31.34	-1.56	1025.20
3.2	14.76	3.82	1011.73	10.3	30.00	-1.07	1024.10	18.2	31.34	-1.56	1025.20
3.5	14.76	3.86	1011.73	10.4	29.89	-1.07	1024.01	18.3	31.34	-1.56	1025.20
3.6	14.79	3.94	1011.75	10.6	30.19	-1.09	1024.26	18.4	31.35	-1.57	1025.21
3.7	14.86	4.06	1011.80	10.8	30.23	-1.09	1024.29	18.5	31.34	-1.56	1025.20
3.9	14.95	4.07	1011.87	11.0	30.34	-1.08	1024.38	18.8	31.36	-1.59	1025.22
4.0	14.99	4.05	1011.90	11.1	30.34	-1.08	1024.38	19.0	31.37	-1.59	1025.23
4.1	15.04	4.05	1011.94	11.2	30.37	-1.09	1024.40	19.3	31.38	-1.59	1025.23
4.2	15.14	3.94	1012.03	11.4	30.39	-1.08	1024.42	19.4	31.37	-1.59	1025.23
4.3	15.24	3.75	1012.11	11.5	30.41	-1.08	1024.44	19.5	31.35	-1.58	1025.21
4.5	15.35	3.65	1012.21	11.6	30.41	-1.07	1024.44	19.6	31.35	-1.58	1025.21
4.6	15.39	3.61	1012.24	11.7	30.39	-1.07	1024.42	19.9	31.40	-1.59	1025.25
4.8	15.43	3.52	1012.28	11.9	30.48	-1.05	1024.49	20.0	31.39	-1.60	1025.24
5.1	15.53	3.39	1012.36	12.2	30.62	-1.03	1024.61	20.2	31.38	-1.59	1025.23
5.2	18.46	2.37	1014.73	12.4	30.64	-1.03	1024.62	20.5	31.38	-1.59	1025.23
5.4	21.74	1.39	1017.39	12.6	30.68	-1.04	1024.65	20.7	31.40	-1.59	1025.25
5.6	22.23	0.99	1017.79	12.7	30.67	-1.04	1024.65	20.9	31.38	-1.59	1025.23
5.7	21.95	0.70	1017.57	12.9	30.69	-1.06	1024.66	21.0	31.39	-1.60	1025.24
5.8	22.98	0.28	1018.41	13.0	30.74	-1.05	1024.70	21.1	31.40	-1.59	1025.25
6.0	24.47	-0.08	1019.62	13.2	30.89	-1.11	1024.83	21.4	31.41	-1.62	1025.26
6.1	24.75	-0.24	1019.84	13.3	30.95	-1.12	1024.87	21.5	31.41	-1.62	1025.26
6.2	24.93	-0.29	1019.99	13.6	30.97	-1.12	1024.89	21.7	31.42	-1.62	1025.27
6.3	25.08	-0.32	1020.11	13.7	31.00	-1.12	1024.92	22.0	31.42	-1.62	1025.27
6.4	25.20	-0.37	1020.21	13.8	31.00	-1.11	1024.92	22.2	31.42	-1.62	1025.27
6.6	25.96	-0.41	1020.82	14.0	31.02	-1.11	1024.93	22.5	31.42	-1.62	1025.27
6.9	26.66	-0.54	1021.39	14.2	31.07	-1.12	1024.97	22.6	31.42	-1.62	1025.27
7.1	27.00	-0.65	1021.67	14.3	31.03	-1.12	1024.94	22.7	31.42	-1.62	1025.27

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Table A1.63. Station 86060 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
22.8	31.42	-1.61	1025.27	30.5	31.58	-1.56	1025.40	37.6	31.68	-1.58	1025.48
23.0	31.44	-1.62	1025.28	30.7	31.60	-1.56	1025.41	37.9	31.69	-1.58	1025.49
23.2	31.43	-1.62	1025.28	30.9	31.59	-1.56	1025.40	38.0	31.69	-1.58	1025.49
23.4	31.43	-1.62	1025.28	31.0	31.59	-1.56	1025.40	38.1	31.69	-1.58	1025.49
23.6	31.45	-1.62	1025.29	31.2	31.60	-1.58	1025.41	38.4	31.68	-1.59	1025.48
23.7	31.44	-1.62	1025.28	31.5	31.60	-1.57	1025.41	38.5	31.69	-1.59	1025.49
23.9	31.44	-1.62	1025.28	31.7	31.60	-1.57	1025.41	38.7	31.70	-1.59	1025.49
24.1	31.44	-1.62	1025.28	31.8	31.61	-1.57	1025.42	39.0	31.69	-1.59	1025.49
24.2	31.46	-1.62	1025.30	32.0	31.61	-1.57	1025.42	39.1	31.70	-1.60	1025.49
24.3	31.45	-1.61	1025.29	32.1	31.61	-1.58	1025.42	39.2	31.69	-1.60	1025.49
24.4	31.45	-1.61	1025.29	32.2	31.61	-1.58	1025.42	39.4	31.69	-1.60	1025.49
24.6	31.45	-1.61	1025.29	32.3	31.61	-1.57	1025.42	39.6	31.70	-1.61	1025.49
24.7	31.47	-1.61	1025.31	32.4	31.61	-1.58	1025.42	39.7	31.70	-1.61	1025.49
24.8	31.47	-1.61	1025.31	32.6	31.61	-1.58	1025.42	40.0	31.70	-1.61	1025.49
24.9	31.47	-1.61	1025.31	32.7	31.61	-1.58	1025.42	40.1	31.71	-1.61	1025.50
25.2	31.46	-1.61	1025.30	32.8	31.62	-1.57	1025.43	40.3	31.69	-1.61	1025.49
25.3	31.47	-1.61	1025.31	32.9	31.62	-1.57	1025.43	40.5	31.71	-1.60	1025.50
25.4	31.46	-1.61	1025.30	33.1	31.62	-1.56	1025.43	40.6	31.71	-1.61	1025.50
25.5	31.47	-1.61	1025.31	33.2	31.63	-1.56	1025.44	40.7	31.71	-1.61	1025.50
25.7	31.47	-1.61	1025.31	33.3	31.64	-1.56	1025.44	40.8	31.70	-1.61	1025.49
25.9	31.49	-1.61	1025.32	33.4	31.64	-1.56	1025.44	41.1	31.72	-1.62	1025.51
26.0	31.48	-1.61	1025.32	33.6	31.63	-1.56	1025.44	41.4	31.70	-1.61	1025.49
26.2	31.49	-1.61	1025.32	33.7	31.64	-1.56	1025.44	41.7	31.74	-1.63	1025.53
26.5	31.50	-1.60	1025.33	33.8	31.63	-1.56	1025.44	41.9	31.72	-1.62	1025.51
26.6	31.50	-1.60	1025.33	34.1	31.64	-1.57	1025.44	42.1	31.73	-1.62	1025.52
26.8	31.49	-1.60	1025.32	34.2	31.65	-1.57	1025.45	42.2	31.74	-1.62	1025.53
26.9	31.49	-1.60	1025.32	34.3	31.65	-1.57	1025.45	42.4	31.75	-1.62	1025.54
27.0	31.50	-1.60	1025.33	34.5	31.65	-1.57	1025.45	42.7	31.76	-1.62	1025.54
27.2	31.52	-1.59	1025.35	34.7	31.64	-1.57	1025.44	42.9	31.77	-1.62	1025.55
27.4	31.53	-1.59	1025.36	34.8	31.65	-1.57	1025.45	43.2	31.78	-1.62	1025.56
27.5	31.53	-1.58	1025.36	34.9	31.66	-1.57	1025.46	43.3	31.75	-1.61	1025.53
27.8	31.54	-1.58	1025.36	35.2	31.67	-1.57	1025.47	43.4	31.78	-1.61	1025.56
27.9	31.53	-1.57	1025.36	35.4	31.66	-1.57	1025.46	43.5	31.78	-1.62	1025.56
28.0	31.52	-1.57	1025.35	35.6	31.66	-1.57	1025.46	43.8	31.78	-1.61	1025.56
28.1	31.52	-1.57	1025.35	35.8	31.67	-1.57	1025.47	44.0	31.81	-1.60	1025.58
28.3	31.55	-1.57	1025.37	35.9	31.67	-1.57	1025.47	44.2	31.82	-1.59	1025.59
28.5	31.56	-1.56	1025.38	36.0	31.67	-1.57	1025.47	44.5	31.84	-1.59	1025.61
28.8	31.56	-1.56	1025.38	36.1	31.67	-1.57	1025.47	44.7	31.84	-1.59	1025.61
28.9	31.57	-1.56	1025.39	36.3	31.67	-1.57	1025.47	44.8	31.83	-1.58	1025.60
29.1	31.56	-1.56	1025.38	36.5	31.68	-1.57	1025.48	44.9	31.85	-1.58	1025.62
29.2	31.57	-1.56	1025.39	36.7	31.68	-1.57	1025.48	45.0	31.84	-1.58	1025.61
29.4	31.56	-1.56	1025.38	36.8	31.68	-1.57	1025.48	45.3	31.87	-1.58	1025.63
29.5	31.57	-1.55	1025.39	36.9	31.68	-1.58	1025.48	45.4	31.88	-1.58	1025.64
29.6	31.58	-1.55	1025.40	37.1	31.68	-1.58	1025.48	45.5	31.88	-1.57	1025.64
30.0	31.57	-1.55	1025.39	37.3	31.68	-1.58	1025.48	45.7	31.90	-1.57	1025.66
30.1	31.58	-1.56	1025.40	37.5	31.68	-1.58	1025.48	45.9	31.90	-1.57	1025.66

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Table A1.63. Station 86060 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
46.0	31.91	-1.57	1025.66	53.3	32.20	-1.49	1025.90	59.8	32.52	-1.51	1026.16
46.1	31.91	-1.57	1025.66	53.4	32.20	-1.49	1025.90	60.1	32.52	-1.51	1026.16
46.3	31.91	-1.57	1025.66	53.5	32.21	-1.49	1025.91	60.2	32.52	-1.51	1026.16
46.4	31.91	-1.57	1025.66	53.7	32.23	-1.49	1025.92	60.9	32.53	-1.51	1026.17
46.5	31.92	-1.57	1025.67	53.8	32.24	-1.49	1025.93	61.2	32.53	-1.51	1026.17
46.6	31.92	-1.56	1025.67	53.9	32.25	-1.49	1025.94	61.3	32.53	-1.51	1026.17
46.8	31.92	-1.56	1025.67	54.1	32.26	-1.49	1025.95	61.4	32.54	-1.51	1026.17
46.9	31.94	-1.56	1025.69	54.3	32.27	-1.49	1025.95	61.6	32.53	-1.51	1026.17
47.0	31.93	-1.55	1025.68	54.4	32.28	-1.49	1025.96	61.8	32.54	-1.51	1026.17
47.1	31.96	-1.55	1025.70	54.5	32.27	-1.48	1025.95	61.9	32.54	-1.51	1026.17
47.2	31.96	-1.55	1025.70	54.7	32.29	-1.49	1025.97	62.0	32.53	-1.51	1026.17
47.4	31.96	-1.55	1025.70	54.8	32.29	-1.48	1025.97	62.2	32.54	-1.51	1026.17
47.5	31.96	-1.54	1025.70	54.9	32.30	-1.48	1025.98	62.3	32.54	-1.51	1026.17
47.6	31.97	-1.54	1025.71	55.0	32.31	-1.48	1025.99	62.4	32.54	-1.51	1026.17
47.9	32.00	-1.53	1025.74	55.1	32.32	-1.49	1026.00	62.5	32.54	-1.51	1026.17
48.0	32.01	-1.53	1025.74	55.4	32.30	-1.49	1025.98	62.7	32.54	-1.51	1026.17
48.2	32.02	-1.53	1025.75	55.5	32.31	-1.49	1025.99	62.8	32.54	-1.51	1026.17
48.4	32.00	-1.53	1025.74	55.6	32.32	-1.49	1026.00	63.0	32.55	-1.51	1026.18
48.6	32.02	-1.51	1025.75	55.8	32.34	-1.49	1026.01	63.3	32.55	-1.51	1026.18
48.7	32.02	-1.51	1025.75	56.0	32.36	-1.49	1026.03	63.5	32.55	-1.51	1026.18
48.9	32.02	-1.51	1025.75	56.1	32.37	-1.49	1026.04	63.7	32.55	-1.51	1026.18
49.1	32.02	-1.51	1025.75	56.2	32.39	-1.49	1026.05	63.8	32.55	-1.51	1026.18
49.2	32.04	-1.51	1025.77	56.4	32.39	-1.49	1026.05	63.9	32.54	-1.51	1026.17
49.5	32.05	-1.51	1025.78	56.5	32.40	-1.49	1026.06	64.0	32.54	-1.51	1026.17
49.7	32.07	-1.51	1025.79	56.6	32.40	-1.49	1026.06	64.1	32.55	-1.51	1026.18
49.8	32.07	-1.51	1025.79	56.7	32.40	-1.49	1026.06	64.3	32.57	-1.51	1026.20
50.0	32.05	-1.51	1025.78	56.9	32.41	-1.49	1026.07	64.5	32.56	-1.51	1026.19
50.1	32.08	-1.51	1025.80	57.0	32.40	-1.49	1026.06	64.6	32.57	-1.51	1026.20
50.2	32.07	-1.51	1025.79	57.1	32.42	-1.49	1026.08	64.8	32.57	-1.51	1026.20
50.4	32.08	-1.51	1025.80	57.4	32.42	-1.49	1026.08	65.1	32.57	-1.51	1026.20
50.6	32.08	-1.51	1025.80	57.5	32.41	-1.49	1026.07	65.2	32.56	-1.51	1026.19
50.8	32.10	-1.51	1025.82	57.7	32.45	-1.51	1026.10	65.4	32.55	-1.51	1026.18
51.1	32.12	-1.50	1025.83	57.9	32.45	-1.51	1026.10	65.5	32.57	-1.51	1026.20
51.2	32.12	-1.50	1025.83	58.0	32.46	-1.50	1026.11	65.6	32.56	-1.51	1026.19
51.4	32.13	-1.50	1025.84	58.1	32.46	-1.51	1026.11	65.7	32.57	-1.51	1026.20
51.6	32.14	-1.50	1025.85	58.2	32.46	-1.50	1026.11	65.9	32.57	-1.51	1026.20
51.7	32.15	-1.49	1025.86	58.3	32.47	-1.50	1026.12	66.2	32.57	-1.51	1026.20
51.9	32.16	-1.49	1025.87	58.6	32.47	-1.51	1026.12	66.6	32.57	-1.51	1026.20
52.1	32.16	-1.49	1025.87	58.7	32.48	-1.51	1026.13	66.7	32.55	-1.51	1026.18
52.2	32.16	-1.49	1025.87	58.8	32.47	-1.50	1026.12	66.9	32.57	-1.51	1026.20
52.3	32.17	-1.49	1025.87	59.0	32.48	-1.51	1026.13	67.0	32.57	-1.51	1026.20
52.4	32.18	-1.49	1025.88	59.1	32.47	-1.50	1026.12	67.1	32.57	-1.51	1026.20
52.7	32.20	-1.49	1025.90	59.2	32.48	-1.51	1026.13	67.2	32.57	-1.51	1026.20
52.8	32.20	-1.49	1025.90	59.3	32.49	-1.51	1026.13	67.3	32.57	-1.52	1026.20
52.9	32.20	-1.49	1025.90	59.4	32.49	-1.51	1026.13	67.5	32.57	-1.52	1026.20
53.2	32.20	-1.49	1025.90	59.7	32.50	-1.51	1026.14	67.8	32.57	-1.52	1026.20

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Table A1.63. Station 86060 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
68.0	32.57	-1.52	1026.20	75.7	32.62	-1.53	1026.24	83.2	32.67	-1.51	1026.28
68.2	32.48	-1.52	1026.13	76.0	32.62	-1.53	1026.24	83.6	32.67	-1.51	1026.28
68.6	32.59	-1.53	1026.22	76.2	32.62	-1.53	1026.24	83.9	32.67	-1.51	1026.28
68.8	32.59	-1.53	1026.22	76.3	32.62	-1.53	1026.24	84.1	32.68	-1.52	1026.29
69.1	32.59	-1.53	1026.22	76.5	32.62	-1.54	1026.24	84.2	32.68	-1.52	1026.29
69.3	32.59	-1.53	1026.22	76.6	32.61	-1.53	1026.23	84.3	32.67	-1.51	1026.28
69.6	32.59	-1.53	1026.22	76.7	32.62	-1.53	1026.24	84.5	32.69	-1.53	1026.30
69.7	32.59	-1.53	1026.22	77.0	32.62	-1.53	1026.24	84.6	32.68	-1.53	1026.29
69.8	32.59	-1.53	1026.22	77.2	32.61	-1.52	1026.23	84.7	32.68	-1.51	1026.29
70.1	32.60	-1.53	1026.22	77.3	32.62	-1.52	1026.24	84.9	32.68	-1.51	1026.29
70.2	32.60	-1.53	1026.22	77.6	32.62	-1.52	1026.24	85.1	32.68	-1.51	1026.29
70.3	32.60	-1.53	1026.22	77.8	32.62	-1.52	1026.24	85.2	32.68	-1.53	1026.29
70.4	32.60	-1.53	1026.22	77.9	32.62	-1.53	1026.24	85.3	32.68	-1.51	1026.29
70.6	32.60	-1.53	1026.22	78.1	32.64	-1.53	1026.26	85.5	32.70	-1.53	1026.30
70.7	32.60	-1.53	1026.22	78.2	32.62	-1.52	1026.24	85.6	32.70	-1.53	1026.30
70.9	32.60	-1.53	1026.22	78.3	32.64	-1.53	1026.26	85.7	32.68	-1.51	1026.29
71.0	32.60	-1.53	1026.22	78.6	32.63	-1.51	1026.25	85.8	32.69	-1.52	1026.30
71.2	32.61	-1.54	1026.23	78.7	32.63	-1.51	1026.25	86.1	32.70	-1.53	1026.30
71.3	32.62	-1.53	1026.24	78.8	32.63	-1.51	1026.25	86.2	32.69	-1.52	1026.30
71.4	32.62	-1.53	1026.24	78.9	32.64	-1.51	1026.26	86.3	32.69	-1.52	1026.30
71.5	32.62	-1.53	1026.24	79.1	32.63	-1.51	1026.25	86.4	32.68	-1.51	1026.29
71.8	32.62	-1.54	1026.24	79.2	32.64	-1.51	1026.26	86.6	32.69	-1.52	1026.30
72.0	32.62	-1.53	1026.24	79.3	32.64	-1.51	1026.26	86.8	32.69	-1.52	1026.30
72.1	32.61	-1.53	1026.23	79.4	32.65	-1.51	1026.26	86.9	32.71	-1.53	1026.31
72.3	32.62	-1.53	1026.24	79.6	32.64	-1.52	1026.26	87.1	32.69	-1.52	1026.30
72.5	32.62	-1.53	1026.24	79.8	32.64	-1.51	1026.26	87.3	32.69	-1.51	1026.30
72.7	32.61	-1.53	1026.23	79.9	32.64	-1.51	1026.26	87.5	32.71	-1.53	1026.31
72.9	32.62	-1.53	1026.24	80.2	32.66	-1.52	1026.27	87.6	32.70	-1.52	1026.30
73.1	32.61	-1.53	1026.23	80.3	32.66	-1.52	1026.27	87.7	32.71	-1.53	1026.31
73.3	32.61	-1.53	1026.23	80.4	32.66	-1.52	1026.27	87.8	32.70	-1.52	1026.30
73.4	32.61	-1.53	1026.23	80.5	32.65	-1.51	1026.26	87.9	32.71	-1.53	1026.31
73.5	32.61	-1.53	1026.23	80.9	32.66	-1.52	1026.27	88.1	32.70	-1.51	1026.30
73.6	32.61	-1.53	1026.23	81.3	32.66	-1.53	1026.27	88.2	32.71	-1.53	1026.31
73.8	32.61	-1.53	1026.23	81.4	32.67	-1.53	1026.28	88.3	32.71	-1.53	1026.31
73.9	32.61	-1.54	1026.23	81.5	32.66	-1.53	1026.27	88.4	32.71	-1.53	1026.31
74.1	32.61	-1.53	1026.23	81.7	32.67	-1.53	1026.28	88.6	32.70	-1.52	1026.30
74.2	32.62	-1.53	1026.24	81.8	32.67	-1.52	1026.28	88.8	32.70	-1.52	1026.30
74.4	32.62	-1.53	1026.24	81.9	32.66	-1.51	1026.27	88.9	32.70	-1.52	1026.30
74.5	32.62	-1.53	1026.24	82.1	32.66	-1.51	1026.27	89.0	32.71	-1.52	1026.31
74.7	32.62	-1.53	1026.24	82.3	32.66	-1.53	1026.27	89.3	32.71	-1.53	1026.31
74.9	32.62	-1.53	1026.24	82.4	32.66	-1.51	1026.27	89.5	32.72	-1.53	1026.32
75.0	32.62	-1.53	1026.24	82.6	32.66	-1.51	1026.27	89.9	32.72	-1.53	1026.32
75.1	32.62	-1.53	1026.24	82.8	32.67	-1.51	1026.28	90.0	32.71	-1.52	1026.31
75.2	32.62	-1.53	1026.24	82.9	32.67	-1.51	1026.28	90.1	32.71	-1.53	1026.31
75.3	32.62	-1.53	1026.24	83.0	32.66	-1.51	1026.27	90.3	32.71	-1.52	1026.31
75.6	32.62	-1.53	1026.24	83.1	32.68	-1.52	1026.29	90.4	32.70	-1.51	1026.30

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Table A1.63. Station 86060 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
90.5	32.71	-1.53	1026.31	93.0	32.75	-1.53	1026.35	95.4	32.76	-1.53	1026.35
90.8	32.71	-1.52	1026.31	93.1	32.76	-1.54	1026.35	95.6	32.76	-1.53	1026.35
90.9	32.72	-1.53	1026.32	93.3	32.75	-1.53	1026.35	95.8	32.77	-1.53	1026.36
91.1	32.72	-1.52	1026.32	93.5	32.75	-1.53	1026.35	95.9	32.77	-1.53	1026.36
91.4	32.73	-1.53	1026.33	93.7	32.75	-1.53	1026.35	96.2	32.77	-1.53	1026.36
91.5	32.73	-1.53	1026.33	93.9	32.75	-1.53	1026.35	96.3	32.78	-1.54	1026.37
91.6	32.73	-1.53	1026.33	94.0	32.75	-1.53	1026.35	96.6	32.78	-1.54	1026.37
92.0	32.73	-1.53	1026.33	94.2	32.75	-1.53	1026.35	96.8	32.78	-1.54	1026.37
92.1	32.72	-1.53	1026.32	94.5	32.76	-1.53	1026.35	96.9	32.79	-1.53	1026.38
92.2	32.73	-1.52	1026.33	94.6	32.76	-1.53	1026.35	97.2	32.79	-1.53	1026.38
92.4	32.75	-1.54	1026.35	94.8	32.76	-1.53	1026.35	97.4	32.79	-1.53	1026.38
92.5	32.73	-1.53	1026.33	95.0	32.76	-1.53	1026.35	97.6	32.80	-1.54	1026.39
92.6	32.73	-1.53	1026.33	95.1	32.76	-1.53	1026.35	97.7	32.79	-1.53	1026.38
92.7	32.74	-1.53	1026.34	95.2	32.75	-1.53	1026.35				

STATION: 86061 DATE: 12 August

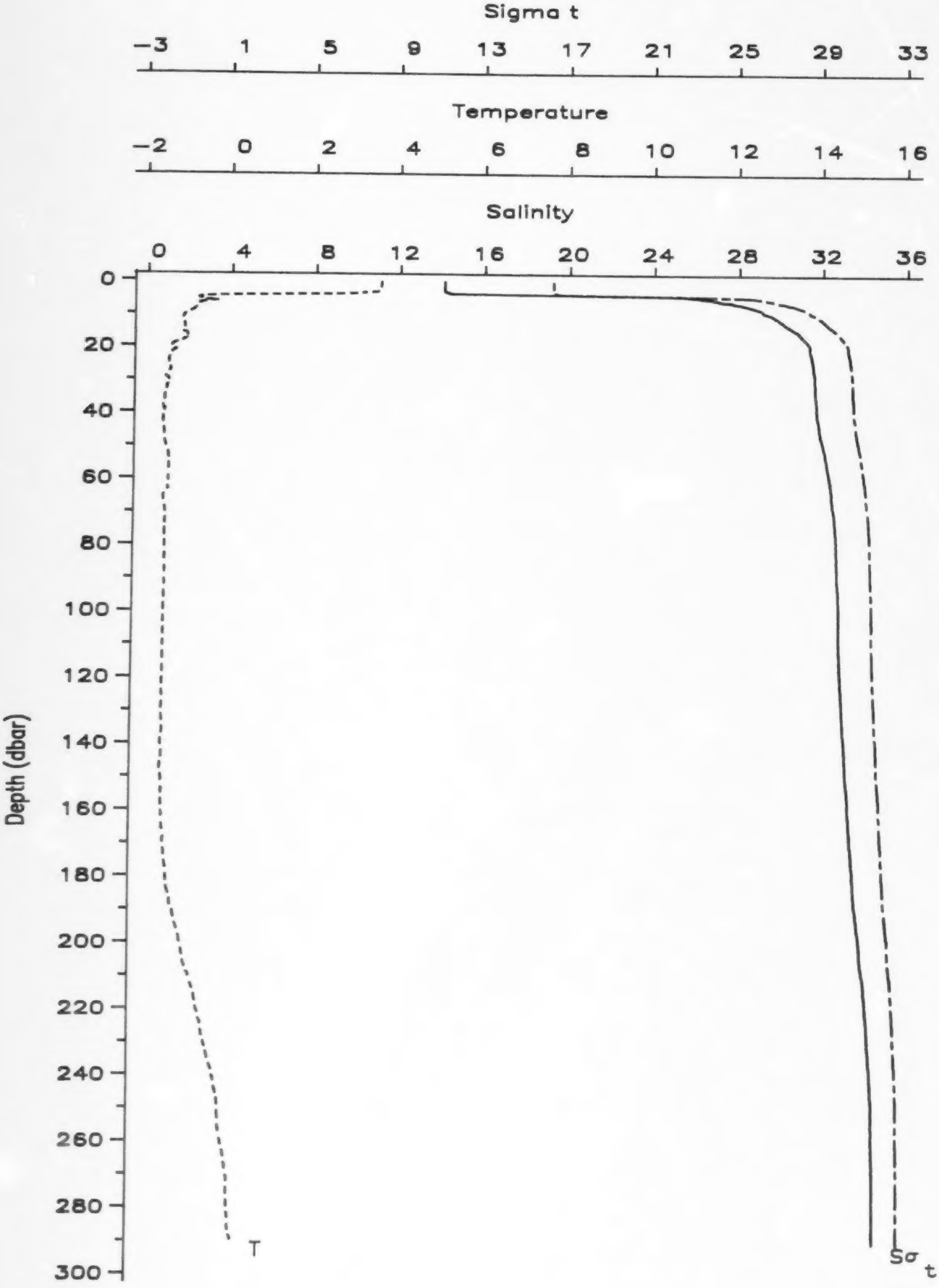

Table A1.64. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86061, August 12, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	14.08	3.53	1011.20	6.4	27.66	-0.55	1022.20	14.0	30.46	-1.12	1024.48
0.4	14.09	3.53	1011.21	6.6	27.76	-0.64	1022.28	14.1	30.48	-1.11	1024.49
0.5	14.08	3.53	1011.20	6.7	27.83	-0.70	1022.34	14.3	30.53	-1.12	1024.53
0.7	14.08	3.53	1011.20	6.8	27.84	-0.74	1022.35	14.4	30.56	-1.14	1024.56
0.8	14.09	3.53	1011.21	6.9	28.09	-0.78	1022.55	14.6	30.62	-1.13	1024.61
1.0	14.09	3.52	1011.21	7.3	28.35	-0.78	1022.76	14.7	30.65	-1.14	1024.63
1.1	14.09	3.53	1011.21	7.4	28.40	-0.78	1022.80	15.0	30.72	-1.14	1024.69
1.3	14.09	3.53	1011.21	7.5	28.46	-0.78	1022.85	15.1	30.77	-1.17	1024.73
1.4	14.09	3.53	1011.21	7.7	28.56	-0.81	1022.93	15.2	30.80	-1.17	1024.75
1.6	14.08	3.52	1011.20	7.9	28.72	-0.83	1023.06	15.4	30.84	-1.17	1024.79
1.8	14.09	3.53	1011.21	8.2	28.84	-0.84	1023.16	15.6	30.83	-1.17	1024.78
1.9	14.09	3.52	1011.21	8.3	28.92	-0.86	1023.22	15.7	30.85	-1.13	1024.79
2.0	14.09	3.53	1011.21	8.5	29.02	-0.87	1023.31	15.8	30.87	-1.09	1024.81
2.1	14.08	3.53	1011.20	8.6	29.07	-0.89	1023.35	15.9	30.90	-1.06	1024.83
2.2	14.08	3.53	1011.20	8.9	29.09	-0.90	1023.36	16.1	30.93	-1.05	1024.86
2.4	14.09	3.53	1011.21	9.0	29.12	-0.92	1023.39	16.2	30.93	-1.04	1024.86
2.5	14.09	3.52	1011.21	9.3	29.17	-0.96	1023.43	16.3	30.95	-1.04	1024.87
2.6	14.09	3.52	1011.21	9.4	29.14	-0.98	1023.41	16.4	30.96	-1.04	1024.88
2.7	14.08	3.52	1011.20	9.5	29.21	-1.00	1023.46	16.5	30.98	-1.05	1024.90
2.9	14.08	3.51	1011.20	9.7	29.33	-1.06	1023.56	16.7	30.97	-1.05	1024.89
3.0	14.07	3.51	1011.20	9.9	29.43	-1.09	1023.64	16.8	31.03	-1.07	1024.94
3.1	14.09	3.48	1011.21	10.0	29.51	-1.11	1023.71	16.9	31.05	-1.09	1024.96
3.2	14.07	3.46	1011.20	10.3	29.56	-1.11	1023.75	17.0	31.06	-1.09	1024.96
3.4	14.09	3.43	1011.21	10.5	29.65	-1.14	1023.82	17.2	31.09	-1.09	1024.99
3.5	14.13	3.32	1011.25	10.6	29.67	-1.14	1023.84	17.4	31.10	-1.08	1025.00
3.6	14.23	3.12	1011.34	10.8	29.68	-1.13	1023.85	17.5	31.11	-1.03	1025.00
3.7	14.23	3.16	1011.34	10.9	29.73	-1.14	1023.89	17.6	31.17	-1.06	1025.05
3.9	14.33	2.95	1011.42	11.0	29.81	-1.15	1023.95	17.9	31.20	-1.09	1025.08
4.0	14.41	2.84	1011.49	11.2	29.85	-1.16	1023.98	18.0	31.22	-1.14	1025.09
4.1	15.14	2.64	1012.08	11.4	29.85	-1.16	1023.98	18.2	31.24	-1.13	1025.11
4.2	17.65	2.12	1014.09	11.5	29.87	-1.16	1024.00	18.3	31.25	-1.16	1025.12
4.3	21.02	1.51	1016.81	11.6	29.91	-1.16	1024.03	18.4	31.26	-1.17	1025.13
4.5	23.77	0.71	1019.03	11.7	29.93	-1.16	1024.05	18.7	31.29	-1.21	1025.15
4.6	25.16	-0.01	1020.17	11.9	29.96	-1.16	1024.07	18.8	31.31	-1.25	1025.17
4.7	25.54	-0.29	1020.48	12.0	30.00	-1.16	1024.11	18.9	31.34	-1.30	1025.20
5.0	26.02	-0.65	1020.88	12.1	30.03	-1.16	1024.13	19.0	31.34	-1.34	1025.20
5.1	26.18	-0.74	1021.01	12.2	30.04	-1.16	1024.14	19.1	31.34	-1.36	1025.20
5.2	26.38	-0.79	1021.17	12.5	30.10	-1.13	1024.19	19.4	31.35	-1.38	1025.21
5.3	26.52	-0.78	1021.28	12.6	30.12	-1.13	1024.20	19.5	31.36	-1.41	1025.21
5.6	26.82	-0.71	1021.52	12.7	30.15	-1.13	1024.23	19.8	31.36	-1.42	1025.21
5.7	26.93	-0.72	1021.61	12.9	30.18	-1.12	1024.25	19.9	31.34	-1.41	1025.20
5.8	27.00	-0.70	1021.67	13.1	30.21	-1.12	1024.28	20.0	31.35	-1.40	1025.21
6.0	27.06	-0.59	1021.72	13.2	30.25	-1.12	1024.31	20.1	31.35	-1.41	1025.21
6.1	27.16	-0.47	1021.79	13.5	30.32	-1.10	1024.36	20.4	31.36	-1.42	1025.21
6.2	27.27	-0.31	1021.88	13.6	30.37	-1.11	1024.40	20.5	31.36	-1.40	1025.21
6.3	27.53	-0.41	1022.09	13.8	30.41	-1.12	1024.44	20.6	31.36	-1.35	1025.21

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.9	31.37	-1.34	1025.22	27.4	31.55	-1.43	1025.37	34.3	31.65	-1.57	1025.45
21.0	31.37	-1.31	1025.22	27.5	31.57	-1.46	1025.39	34.4	31.64	-1.57	1025.44
21.1	31.38	-1.31	1025.23	27.7	31.59	-1.49	1025.40	34.5	31.65	-1.57	1025.45
21.2	31.38	-1.33	1025.23	27.8	31.59	-1.53	1025.40	34.7	31.64	-1.57	1025.44
21.4	31.40	-1.37	1025.25	28.0	31.59	-1.54	1025.40	34.8	31.64	-1.57	1025.44
21.5	31.40	-1.39	1025.25	28.3	31.58	-1.55	1025.40	34.9	31.65	-1.58	1025.45
21.6	31.42	-1.41	1025.26	28.4	31.60	-1.55	1025.41	35.0	31.66	-1.58	1025.46
21.7	31.41	-1.41	1025.25	28.5	31.59	-1.55	1025.40	35.3	31.66	-1.58	1025.46
21.9	31.41	-1.41	1025.25	28.6	31.60	-1.55	1025.41	35.4	31.67	-1.58	1025.47
22.0	31.42	-1.42	1025.26	28.8	31.60	-1.55	1025.41	35.5	31.67	-1.57	1025.47
22.1	31.41	-1.42	1025.25	29.0	31.60	-1.55	1025.41	35.6	31.68	-1.58	1025.48
22.2	31.44	-1.45	1025.28	29.1	31.61	-1.55	1025.42	35.8	31.67	-1.58	1025.47
22.5	31.45	-1.46	1025.29	29.2	31.61	-1.56	1025.42	35.9	31.67	-1.58	1025.47
22.7	31.46	-1.45	1025.30	29.4	31.61	-1.55	1025.42	36.0	31.67	-1.58	1025.47
23.0	31.46	-1.44	1025.30	29.6	31.59	-1.51	1025.40	36.1	31.67	-1.58	1025.47
23.1	31.46	-1.45	1025.30	29.7	31.59	-1.49	1025.40	36.3	31.68	-1.58	1025.48
23.2	31.45	-1.45	1025.29	30.0	31.59	-1.47	1025.40	36.4	31.68	-1.58	1025.48
23.4	31.47	-1.48	1025.30	30.1	31.61	-1.48	1025.42	36.5	31.68	-1.59	1025.48
23.7	31.49	-1.49	1025.32	30.2	31.60	-1.48	1025.41	36.8	31.68	-1.59	1025.48
23.8	31.49	-1.49	1025.32	30.4	31.60	-1.47	1025.41	36.9	31.67	-1.59	1025.47
23.9	31.48	-1.47	1025.31	30.5	31.60	-1.48	1025.41	37.0	31.69	-1.60	1025.49
24.1	31.48	-1.48	1025.31	30.6	31.60	-1.46	1025.41	37.1	31.68	-1.60	1025.48
24.2	31.50	-1.49	1025.33	30.7	31.59	-1.47	1025.40	37.3	31.70	-1.60	1025.49
24.3	31.50	-1.48	1025.33	31.0	31.62	-1.47	1025.43	37.4	31.70	-1.60	1025.49
24.4	31.50	-1.48	1025.33	31.1	31.61	-1.46	1025.42	37.6	31.69	-1.60	1025.49
24.6	31.50	-1.48	1025.33	31.2	31.59	-1.46	1025.40	37.8	31.69	-1.60	1025.49
24.7	31.50	-1.48	1025.33	31.3	31.60	-1.47	1025.41	37.9	31.69	-1.61	1025.49
24.8	31.52	-1.48	1025.35	31.6	31.62	-1.49	1025.43	38.1	31.70	-1.61	1025.49
24.9	31.52	-1.47	1025.35	31.7	31.64	-1.51	1025.44	38.4	31.70	-1.61	1025.49
25.1	31.52	-1.47	1025.35	31.8	31.62	-1.51	1025.43	38.6	31.70	-1.61	1025.49
25.2	31.52	-1.47	1025.35	32.0	31.63	-1.54	1025.44	38.7	31.69	-1.60	1025.49
25.3	31.52	-1.47	1025.35	32.1	31.63	-1.54	1025.44	39.0	31.69	-1.57	1025.49
25.4	31.53	-1.48	1025.35	32.3	31.62	-1.53	1025.43	39.1	31.70	-1.57	1025.49
25.5	31.54	-1.48	1025.36	32.4	31.61	-1.51	1025.42	39.2	31.72	-1.58	1025.51
25.8	31.53	-1.48	1025.35	32.6	31.61	-1.51	1025.42	39.4	31.71	-1.57	1025.50
25.9	31.54	-1.48	1025.36	32.7	31.63	-1.52	1025.44	39.7	31.71	-1.57	1025.50
26.0	31.54	-1.46	1025.36	32.8	31.63	-1.54	1025.44	39.9	31.72	-1.58	1025.51
26.2	31.53	-1.45	1025.35	32.9	31.63	-1.54	1025.44	40.0	31.73	-1.58	1025.52
26.4	31.55	-1.44	1025.37	33.1	31.63	-1.54	1025.44	40.1	31.73	-1.58	1025.52
26.5	31.54	-1.43	1025.36	33.3	31.64	-1.55	1025.44	40.3	31.73	-1.58	1025.52
26.6	31.55	-1.44	1025.37	33.4	31.63	-1.55	1025.44	40.5	31.72	-1.59	1025.51
26.8	31.55	-1.43	1025.37	33.7	31.63	-1.56	1025.44	40.6	31.72	-1.58	1025.51
26.9	31.54	-1.42	1025.36	33.8	31.65	-1.57	1025.45	40.8	31.72	-1.59	1025.51
27.0	31.56	-1.44	1025.38	33.9	31.64	-1.56	1025.44	41.0	31.73	-1.60	1025.52
27.2	31.57	-1.44	1025.39	34.1	31.64	-1.57	1025.44	41.1	31.74	-1.61	1025.53
27.3	31.56	-1.44	1025.38	34.2	31.64	-1.57	1025.44	41.2	31.75	-1.61	1025.53

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
41.3	31.74	-1.61	1025.53	48.6	31.96	-1.56	1025.70	55.3	32.20	-1.45	1025.90
41.4	31.76	-1.61	1025.54	48.7	31.98	-1.55	1025.72	55.4	32.20	-1.45	1025.90
41.6	31.76	-1.61	1025.54	48.9	31.98	-1.55	1025.72	55.5	32.20	-1.45	1025.90
41.8	31.75	-1.61	1025.53	49.2	31.99	-1.55	1025.73	55.6	32.21	-1.45	1025.90
41.9	31.77	-1.61	1025.55	49.3	32.00	-1.54	1025.74	55.9	32.20	-1.45	1025.90
42.2	31.78	-1.61	1025.56	49.5	32.01	-1.54	1025.74	56.1	32.21	-1.45	1025.90
42.3	31.79	-1.61	1025.57	49.7	32.00	-1.53	1025.74	56.2	32.22	-1.46	1025.91
42.4	31.79	-1.61	1025.57	50.0	32.02	-1.53	1025.75	56.5	32.23	-1.45	1025.92
42.6	31.80	-1.61	1025.58	50.1	32.02	-1.52	1025.75	56.9	32.22	-1.46	1025.91
42.8	31.80	-1.60	1025.58	50.2	32.02	-1.51	1025.75	57.0	32.24	-1.46	1025.93
43.1	31.80	-1.60	1025.58	50.3	32.04	-1.51	1025.77	57.1	32.25	-1.47	1025.94
43.3	31.79	-1.61	1025.57	50.4	32.04	-1.51	1025.77	57.2	32.25	-1.47	1025.94
43.4	31.82	-1.61	1025.59	50.7	32.05	-1.51	1025.78	57.5	32.26	-1.47	1025.95
43.5	31.80	-1.60	1025.58	50.8	32.05	-1.51	1025.78	57.6	32.26	-1.47	1025.95
43.7	31.80	-1.60	1025.58	50.9	32.04	-1.50	1025.77	57.7	32.26	-1.46	1025.95
43.8	31.81	-1.60	1025.58	51.1	32.07	-1.50	1025.79	58.0	32.27	-1.47	1025.95
43.9	31.82	-1.60	1025.59	51.2	32.08	-1.49	1025.80	58.1	32.28	-1.47	1025.96
44.2	31.82	-1.59	1025.59	51.3	32.08	-1.48	1025.80	58.2	32.27	-1.47	1025.95
44.3	31.83	-1.59	1025.60	51.4	32.08	-1.47	1025.80	58.3	32.28	-1.47	1025.96
44.5	31.84	-1.59	1025.61	51.6	32.09	-1.47	1025.81	58.5	32.29	-1.47	1025.97
44.8	31.81	-1.58	1025.58	51.8	32.10	-1.47	1025.82	58.6	32.29	-1.47	1025.97
44.9	31.82	-1.58	1025.59	51.9	32.10	-1.47	1025.82	58.7	32.30	-1.47	1025.98
45.0	31.82	-1.58	1025.59	52.1	32.11	-1.47	1025.82	58.8	32.30	-1.47	1025.98
45.1	31.82	-1.58	1025.59	52.2	32.12	-1.47	1025.83	59.0	32.30	-1.47	1025.98
45.3	31.84	-1.58	1025.61	52.3	32.11	-1.47	1025.82	59.2	32.32	-1.47	1025.99
45.5	31.86	-1.58	1025.62	52.4	32.11	-1.46	1025.82	59.3	32.30	-1.47	1025.98
45.7	31.86	-1.57	1025.62	52.6	32.10	-1.46	1025.82	59.4	32.32	-1.47	1025.99
45.8	31.86	-1.57	1025.62	52.7	32.11	-1.46	1025.82	59.7	32.31	-1.46	1025.99
46.0	31.87	-1.58	1025.63	52.8	32.13	-1.46	1025.84	59.8	32.32	-1.47	1025.99
46.1	31.88	-1.57	1025.64	52.9	32.13	-1.46	1025.84	59.9	32.31	-1.46	1025.99
46.3	31.88	-1.57	1025.64	53.0	32.12	-1.46	1025.83	60.1	32.33	-1.47	1026.00
46.4	31.88	-1.57	1025.64	53.2	32.13	-1.46	1025.84	60.2	32.33	-1.46	1026.00
46.5	31.87	-1.57	1025.63	53.3	32.14	-1.46	1025.85	60.3	32.33	-1.46	1026.00
46.6	31.88	-1.57	1025.64	53.4	32.14	-1.46	1025.85	60.5	32.34	-1.46	1026.01
46.8	31.88	-1.57	1025.64	53.5	32.14	-1.46	1025.85	60.6	32.34	-1.47	1026.01
47.0	31.88	-1.57	1025.64	53.7	32.15	-1.45	1025.86	60.8	32.37	-1.47	1026.04
47.2	31.90	-1.57	1025.66	53.8	32.14	-1.45	1025.85	60.9	32.39	-1.48	1026.05
47.4	31.91	-1.56	1025.66	53.9	32.16	-1.46	1025.86	61.1	32.37	-1.48	1026.04
47.5	31.91	-1.56	1025.66	54.0	32.16	-1.46	1025.86	61.3	32.37	-1.48	1026.04
47.6	31.93	-1.56	1025.68	54.3	32.15	-1.45	1025.86	61.4	32.37	-1.48	1026.04
47.7	31.93	-1.56	1025.68	54.4	32.17	-1.46	1025.87	61.6	32.37	-1.48	1026.04
48.0	31.95	-1.56	1025.70	54.5	32.18	-1.46	1025.88	61.7	32.39	-1.48	1026.05
48.1	31.96	-1.56	1025.70	54.7	32.18	-1.46	1025.88	61.8	32.39	-1.49	1026.05
48.2	31.96	-1.56	1025.70	54.8	32.18	-1.46	1025.88	61.9	32.39	-1.49	1026.05
48.4	31.96	-1.56	1025.70	54.9	32.19	-1.46	1025.89	62.2	32.39	-1.49	1026.05
48.5	31.96	-1.56	1025.70	55.0	32.17	-1.45	1025.87	62.3	32.39	-1.49	1026.05

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
62.4	32.39	-1.49	1026.05	69.6	32.54	-1.54	1026.17	76.5	32.64	-1.54	1026.26
62.5	32.39	-1.49	1026.05	69.7	32.54	-1.54	1026.17	76.7	32.65	-1.54	1026.26
62.7	32.40	-1.49	1026.06	69.8	32.53	-1.53	1026.17	76.8	32.64	-1.54	1026.26
62.9	32.40	-1.48	1026.06	70.1	32.54	-1.53	1026.17	77.1	32.64	-1.54	1026.26
63.0	32.40	-1.46	1026.06	70.2	32.56	-1.54	1026.19	77.3	32.64	-1.54	1026.26
63.1	32.41	-1.45	1026.07	70.4	32.56	-1.53	1026.19	77.4	32.63	-1.54	1026.25
63.3	32.40	-1.45	1026.06	70.6	32.56	-1.53	1026.19	77.6	32.65	-1.54	1026.26
63.5	32.42	-1.49	1026.08	70.8	32.55	-1.54	1026.18	77.8	32.65	-1.54	1026.26
63.7	32.43	-1.54	1026.09	70.9	32.56	-1.54	1026.19	78.1	32.65	-1.54	1026.26
63.8	32.42	-1.55	1026.08	71.0	32.56	-1.54	1026.19	78.3	32.66	-1.54	1026.27
63.9	32.42	-1.55	1026.08	71.2	32.54	-1.53	1026.17	78.6	32.65	-1.54	1026.26
64.0	32.43	-1.56	1026.09	71.3	32.56	-1.54	1026.19	78.7	32.64	-1.54	1026.26
64.1	32.44	-1.57	1026.09	71.5	32.57	-1.53	1026.20	78.8	32.66	-1.53	1026.27
64.3	32.42	-1.57	1026.08	71.8	32.58	-1.54	1026.21	78.9	32.66	-1.54	1026.27
64.4	32.42	-1.58	1026.08	71.9	32.57	-1.53	1026.20	79.4	32.66	-1.54	1026.27
64.6	32.42	-1.58	1026.08	72.0	32.57	-1.53	1026.20	79.8	32.66	-1.54	1026.27
64.8	32.42	-1.58	1026.08	72.1	32.57	-1.54	1026.20	80.0	32.66	-1.53	1026.27
64.9	32.42	-1.58	1026.08	72.3	32.57	-1.53	1026.20	80.3	32.67	-1.53	1026.28
65.2	32.43	-1.59	1026.09	72.4	32.58	-1.54	1026.21	80.5	32.67	-1.54	1026.28
65.4	32.43	-1.58	1026.09	72.5	32.58	-1.54	1026.21	80.7	32.67	-1.53	1026.28
65.5	32.42	-1.58	1026.08	72.7	32.58	-1.54	1026.21	80.9	32.67	-1.54	1026.28
65.6	32.44	-1.59	1026.09	72.8	32.56	-1.54	1026.19	81.1	32.66	-1.54	1026.27
65.7	32.43	-1.58	1026.09	72.9	32.56	-1.54	1026.19	81.3	32.66	-1.53	1026.27
65.9	32.43	-1.58	1026.09	73.0	32.59	-1.54	1026.22	81.7	32.66	-1.53	1026.27
66.0	32.45	-1.58	1026.10	73.1	32.59	-1.54	1026.22	82.0	32.68	-1.53	1026.29
66.1	32.45	-1.57	1026.10	73.3	32.59	-1.54	1026.22	82.3	32.68	-1.53	1026.29
66.2	32.46	-1.57	1026.11	73.5	32.59	-1.54	1026.22	82.4	32.68	-1.53	1026.29
66.3	32.46	-1.57	1026.11	73.6	32.60	-1.54	1026.22	82.8	32.67	-1.53	1026.28
66.6	32.46	-1.57	1026.11	73.8	32.60	-1.54	1026.22	83.1	32.69	-1.53	1026.30
66.7	32.46	-1.58	1026.11	73.9	32.60	-1.55	1026.22	83.4	32.68	-1.53	1026.29
67.0	32.46	-1.57	1026.11	74.1	32.60	-1.54	1026.22	83.6	32.70	-1.54	1026.30
67.1	32.48	-1.57	1026.13	74.2	32.60	-1.55	1026.22	83.9	32.69	-1.53	1026.30
67.2	32.47	-1.56	1026.12	74.4	32.62	-1.55	1026.24	84.1	32.68	-1.53	1026.29
67.3	32.47	-1.56	1026.12	74.5	32.60	-1.54	1026.22	84.3	32.69	-1.54	1026.30
67.5	32.49	-1.56	1026.13	74.7	32.61	-1.55	1026.23	84.5	32.68	-1.53	1026.29
67.7	32.48	-1.57	1026.13	75.0	32.61	-1.54	1026.23	84.7	32.69	-1.53	1026.30
68.0	32.47	-1.56	1026.12	75.1	32.61	-1.54	1026.23	85.1	32.69	-1.53	1026.30
68.1	32.48	-1.56	1026.13	75.2	32.62	-1.55	1026.24	85.2	32.70	-1.53	1026.30
68.2	32.49	-1.55	1026.13	75.3	32.61	-1.54	1026.23	85.6	32.69	-1.53	1026.30
68.4	32.49	-1.55	1026.13	75.5	32.60	-1.54	1026.22	85.7	32.68	-1.53	1026.29
68.7	32.51	-1.55	1026.15	75.6	32.61	-1.55	1026.23	86.1	32.71	-1.53	1026.31
68.8	32.51	-1.54	1026.15	75.7	32.62	-1.55	1026.24	86.3	32.71	-1.53	1026.31
68.9	32.51	-1.53	1026.15	76.0	32.61	-1.54	1026.23	86.7	32.71	-1.53	1026.31
69.2	32.52	-1.53	1026.16	76.1	32.62	-1.54	1026.24	86.9	32.71	-1.53	1026.31
69.3	32.52	-1.53	1026.16	76.2	32.62	-1.54	1026.24	87.1	32.71	-1.53	1026.31
69.5	32.53	-1.53	1026.17	76.3	32.64	-1.54	1026.26	87.2	32.71	-1.53	1026.31

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
87.3	32.71	-1.52	1026.31	99.9	32.81	-1.54	1026.39	111.3	32.84	-1.55	1026.42
87.5	32.71	-1.53	1026.31	100.0	32.81	-1.54	1026.39	111.7	32.83	-1.55	1026.41
89.8	32.73	-1.53	1026.33	100.3	32.81	-1.55	1026.39	112.0	32.85	-1.55	1026.43
90.1	32.71	-1.53	1026.31	100.4	32.81	-1.55	1026.39	112.2	32.85	-1.55	1026.43
90.4	32.72	-1.53	1026.32	100.6	32.81	-1.54	1026.39	112.5	32.84	-1.55	1026.42
90.5	32.73	-1.53	1026.33	101.0	32.81	-1.55	1026.39	112.6	32.85	-1.55	1026.43
90.7	32.72	-1.54	1026.32	101.2	32.81	-1.55	1026.39	112.8	32.86	-1.55	1026.44
90.9	32.73	-1.53	1026.33	101.5	32.82	-1.55	1026.40	113.1	32.85	-1.55	1026.43
91.0	32.74	-1.53	1026.34	101.7	32.81	-1.55	1026.39	113.3	32.87	-1.55	1026.44
91.1	32.74	-1.53	1026.34	102.1	32.81	-1.55	1026.39	113.8	32.84	-1.55	1026.42
91.6	32.75	-1.53	1026.35	102.3	32.80	-1.54	1026.39	114.3	32.87	-1.55	1026.44
91.8	32.75	-1.53	1026.35	102.6	32.80	-1.54	1026.39	114.7	32.86	-1.55	1026.44
92.2	32.75	-1.53	1026.35	102.9	32.80	-1.54	1026.39	114.9	32.87	-1.55	1026.44
92.5	32.75	-1.53	1026.35	103.0	32.82	-1.55	1026.40	115.2	32.87	-1.55	1026.44
92.9	32.75	-1.53	1026.35	103.2	32.82	-1.55	1026.40	115.3	32.86	-1.55	1026.44
93.0	32.75	-1.53	1026.35	103.5	32.82	-1.55	1026.40	115.4	32.86	-1.55	1026.44
93.3	32.78	-1.54	1026.37	103.7	32.82	-1.55	1026.40	115.6	32.87	-1.55	1026.44
93.5	32.78	-1.54	1026.37	103.8	32.82	-1.55	1026.40	115.8	32.87	-1.55	1026.44
93.6	32.76	-1.54	1026.35	104.0	32.82	-1.54	1026.40	116.0	32.88	-1.55	1026.45
93.9	32.78	-1.54	1026.37	104.1	32.82	-1.55	1026.40	116.3	32.88	-1.55	1026.45
94.1	32.77	-1.54	1026.36	104.3	32.81	-1.55	1026.39	116.7	32.87	-1.55	1026.44
94.2	32.77	-1.54	1026.36	104.6	32.81	-1.55	1026.39	117.0	32.88	-1.55	1026.45
94.5	32.78	-1.54	1026.37	104.9	32.82	-1.55	1026.40	117.3	32.87	-1.55	1026.44
94.7	32.79	-1.54	1026.38	105.2	32.82	-1.54	1026.40	117.7	32.89	-1.55	1026.46
95.0	32.78	-1.54	1026.37	105.7	32.82	-1.55	1026.40	117.8	32.89	-1.55	1026.46
95.2	32.78	-1.54	1026.37	105.9	32.81	-1.55	1026.39	118.0	32.89	-1.55	1026.46
95.4	32.78	-1.54	1026.37	106.3	32.81	-1.54	1026.39	118.1	32.89	-1.55	1026.46
95.7	32.78	-1.54	1026.37	106.4	32.82	-1.55	1026.40	118.4	32.89	-1.55	1026.46
95.8	32.74	-1.54	1026.34	106.7	32.82	-1.55	1026.40	118.5	32.91	-1.55	1026.48
96.2	32.74	-1.54	1026.34	106.9	32.81	-1.55	1026.39	118.8	32.89	-1.55	1026.46
96.3	32.74	-1.54	1026.34	107.3	32.81	-1.54	1026.39	119.1	32.91	-1.56	1026.48
96.6	32.80	-1.54	1026.39	107.4	32.82	-1.55	1026.40	119.4	32.89	-1.55	1026.46
96.7	32.80	-1.54	1026.39	107.8	32.82	-1.55	1026.40	119.6	32.91	-1.55	1026.48
96.8	32.80	-1.55	1026.39	108.1	32.82	-1.55	1026.40	119.9	32.91	-1.55	1026.48
97.2	32.80	-1.55	1026.39	108.4	32.82	-1.55	1026.40	120.0	32.92	-1.55	1026.48
97.4	32.80	-1.55	1026.39	108.7	32.81	-1.54	1026.39	120.3	32.91	-1.55	1026.48
97.7	32.80	-1.55	1026.39	109.0	32.81	-1.54	1026.39	120.5	32.92	-1.56	1026.48
97.8	32.80	-1.54	1026.39	109.1	32.83	-1.55	1026.41	120.6	32.92	-1.55	1026.48
98.0	32.80	-1.55	1026.39	109.4	32.81	-1.54	1026.39	121.0	32.92	-1.56	1026.48
98.3	32.80	-1.55	1026.39	109.5	32.82	-1.55	1026.40	121.2	32.94	-1.56	1026.50
98.7	32.80	-1.54	1026.39	109.6	32.83	-1.55	1026.41	121.3	32.93	-1.55	1026.49
98.9	32.81	-1.54	1026.39	109.8	32.83	-1.55	1026.41	121.6	32.93	-1.55	1026.49
99.1	32.81	-1.55	1026.39	110.1	32.82	-1.55	1026.40	121.7	32.92	-1.55	1026.48
99.4	32.81	-1.54	1026.39	110.4	32.83	-1.55	1026.41	122.0	32.93	-1.55	1026.49
99.5	32.81	-1.54	1026.39	110.6	32.83	-1.55	1026.41	122.2	32.93	-1.55	1026.49
99.7	32.80	-1.54	1026.39	111.1	32.82	-1.55	1026.40	122.4	32.93	-1.55	1026.49

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
122.8	32.94	-1.55	1026.50	133.7	33.04	-1.55	1026.58	144.8	33.16	-1.55	1026.68
122.9	32.95	-1.56	1026.51	133.9	33.05	-1.55	1026.59	144.9	33.16	-1.55	1026.68
123.5	32.94	-1.55	1026.50	134.0	33.04	-1.55	1026.58	145.1	33.18	-1.55	1026.69
123.7	32.96	-1.56	1026.52	134.2	33.05	-1.54	1026.59	145.3	33.16	-1.56	1026.68
123.9	32.96	-1.56	1026.52	134.5	33.04	-1.54	1026.58	145.5	33.16	-1.56	1026.68
124.1	32.96	-1.56	1026.52	134.7	33.06	-1.53	1026.60	145.6	33.17	-1.58	1026.69
124.2	32.95	-1.55	1026.51	135.0	33.05	-1.53	1026.59	146.1	33.18	-1.58	1026.70
124.3	32.94	-1.55	1026.50	135.4	33.05	-1.53	1026.59	146.2	33.17	-1.58	1026.69
124.4	32.95	-1.55	1026.51	135.7	33.05	-1.53	1026.59	146.5	33.17	-1.58	1026.69
124.6	32.95	-1.56	1026.51	135.9	33.06	-1.53	1026.60	146.7	33.17	-1.58	1026.69
124.8	32.96	-1.56	1026.52	136.3	33.05	-1.54	1026.59	147.0	33.18	-1.58	1026.70
125.2	32.96	-1.55	1026.52	136.5	33.07	-1.54	1026.61	147.1	33.18	-1.59	1026.70
125.4	32.96	-1.55	1026.52	136.8	33.06	-1.54	1026.60	147.5	33.18	-1.59	1026.70
125.9	32.96	-1.55	1026.52	137.0	33.07	-1.54	1026.61	147.7	33.18	-1.58	1026.70
126.0	32.97	-1.55	1026.52	137.2	33.09	-1.55	1026.62	148.1	33.19	-1.58	1026.70
126.4	32.96	-1.54	1026.52	137.4	33.08	-1.55	1026.61	148.2	33.19	-1.58	1026.70
126.7	32.98	-1.55	1026.53	137.5	33.07	-1.56	1026.61	148.4	33.19	-1.58	1026.70
127.0	32.97	-1.55	1026.52	137.9	33.09	-1.56	1026.62	148.6	33.19	-1.58	1026.70
127.1	32.98	-1.55	1026.53	138.1	33.10	-1.57	1026.63	148.8	33.19	-1.58	1026.70
127.3	32.98	-1.55	1026.53	138.3	33.10	-1.57	1026.63	149.0	33.20	-1.58	1026.71
127.4	32.97	-1.55	1026.52	138.6	33.11	-1.57	1026.64	149.2	33.19	-1.56	1026.70
127.5	32.98	-1.55	1026.53	138.9	33.11	-1.57	1026.64	149.3	33.19	-1.55	1026.70
127.8	32.99	-1.56	1026.54	139.0	33.11	-1.57	1026.64	149.6	33.20	-1.55	1026.71
127.9	32.98	-1.56	1026.53	139.1	33.10	-1.57	1026.63	149.8	33.21	-1.55	1026.72
128.0	32.99	-1.56	1026.54	139.5	33.12	-1.57	1026.65	150.1	33.21	-1.55	1026.72
128.4	32.99	-1.56	1026.54	139.7	33.12	-1.57	1026.65	150.4	33.21	-1.54	1026.72
128.6	32.97	-1.56	1026.52	140.0	33.13	-1.58	1026.66	150.6	33.23	-1.54	1026.74
128.9	32.99	-1.56	1026.54	140.1	33.12	-1.57	1026.65	150.9	33.21	-1.54	1026.72
129.0	33.01	-1.57	1026.56	140.3	33.13	-1.57	1026.65	151.1	33.23	-1.55	1026.74
129.3	32.98	-1.56	1026.53	140.6	33.13	-1.56	1026.65	151.2	33.23	-1.55	1026.74
129.7	33.01	-1.57	1026.56	140.8	33.12	-1.55	1026.65	151.3	33.23	-1.54	1026.74
129.9	33.01	-1.57	1026.56	141.1	33.12	-1.54	1026.65	151.6	33.23	-1.54	1026.74
130.2	33.01	-1.56	1026.56	141.2	33.13	-1.54	1026.65	151.7	33.24	-1.54	1026.74
130.5	33.01	-1.56	1026.56	141.4	33.12	-1.54	1026.65	151.9	33.24	-1.54	1026.74
130.7	33.01	-1.57	1026.56	141.7	33.13	-1.54	1026.65	152.0	33.24	-1.54	1026.74
130.8	33.01	-1.56	1026.56	141.9	33.14	-1.54	1026.66	152.5	33.25	-1.54	1026.75
131.0	33.01	-1.56	1026.56	142.1	33.14	-1.54	1026.66	152.9	33.26	-1.54	1026.76
131.2	33.00	-1.56	1026.55	142.3	33.14	-1.54	1026.66	153.0	33.26	-1.53	1026.76
131.3	33.02	-1.56	1026.57	142.4	33.14	-1.54	1026.66	153.4	33.27	-1.53	1026.77
131.6	33.02	-1.56	1026.57	142.7	33.16	-1.54	1026.68	153.7	33.27	-1.53	1026.77
131.9	33.00	-1.56	1026.55	142.8	33.16	-1.54	1026.68	153.8	33.27	-1.52	1026.77
132.3	33.03	-1.56	1026.57	143.0	33.16	-1.55	1026.68	153.9	33.26	-1.51	1026.76
132.7	33.03	-1.55	1026.57	143.4	33.16	-1.54	1026.68	154.1	33.26	-1.53	1026.76
133.1	33.03	-1.55	1026.57	143.9	33.16	-1.55	1026.68	154.4	33.29	-1.54	1026.78
133.3	33.04	-1.55	1026.58	144.1	33.15	-1.55	1026.67	155.0	33.29	-1.54	1026.78
133.6	33.03	-1.55	1026.57	144.5	33.15	-1.54	1026.67	155.1	33.29	-1.54	1026.78

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
155.6	33.30	-1.54	1026.79	167.1	33.43	-1.47	1026.90	177.3	33.57	-1.41	1027.01
155.9	33.31	-1.54	1026.80	167.5	33.43	-1.47	1026.90	177.4	33.56	-1.40	1027.00
156.1	33.30	-1.55	1026.79	167.6	33.43	-1.47	1026.90	177.6	33.58	-1.41	1027.02
156.2	33.32	-1.54	1026.81	167.7	33.43	-1.47	1026.90	177.7	33.58	-1.40	1027.02
156.5	33.30	-1.53	1026.79	167.8	33.43	-1.47	1026.90	178.1	33.59	-1.40	1027.02
156.9	33.31	-1.54	1026.80	167.9	33.43	-1.47	1026.90	178.3	33.59	-1.40	1027.02
157.1	33.30	-1.53	1026.79	168.1	33.43	-1.47	1026.90	178.8	33.59	-1.40	1027.02
157.6	33.33	-1.54	1026.82	168.2	33.44	-1.46	1026.90	179.0	33.59	-1.39	1027.02
158.0	33.32	-1.53	1026.81	168.3	33.42	-1.46	1026.89	179.4	33.58	-1.39	1027.02
158.3	33.31	-1.53	1026.80	168.6	33.45	-1.48	1026.91	179.7	33.59	-1.39	1027.02
158.5	33.32	-1.53	1026.81	168.8	33.45	-1.49	1026.91	179.9	33.59	-1.40	1027.02
158.8	33.33	-1.53	1026.82	169.2	33.45	-1.49	1026.91	180.0	33.58	-1.40	1027.02
159.1	33.33	-1.53	1026.82	169.6	33.45	-1.49	1026.91	180.1	33.59	-1.40	1027.02
159.2	33.34	-1.53	1026.82	169.9	33.45	-1.49	1026.91	180.3	33.60	-1.40	1027.03
159.3	33.34	-1.53	1026.82	170.2	33.45	-1.48	1026.91	180.5	33.61	-1.40	1027.04
159.4	33.34	-1.54	1026.82	170.4	33.45	-1.48	1026.91	180.8	33.61	-1.39	1027.04
159.8	33.32	-1.53	1026.81	170.7	33.46	-1.48	1026.92	180.9	33.61	-1.39	1027.04
160.1	33.34	-1.53	1026.82	170.9	33.48	-1.47	1026.94	181.4	33.60	-1.39	1027.03
160.4	33.34	-1.53	1026.82	171.0	33.48	-1.47	1026.94	181.8	33.63	-1.39	1027.06
160.9	33.35	-1.53	1026.83	171.1	33.50	-1.47	1026.95	182.0	33.62	-1.38	1027.05
161.3	33.35	-1.51	1026.83	171.4	33.48	-1.47	1026.94	182.2	33.63	-1.38	1027.06
161.5	33.34	-1.51	1026.82	171.5	33.48	-1.46	1026.94	182.6	33.63	-1.38	1027.06
161.7	33.36	-1.53	1026.84	171.8	33.50	-1.46	1026.95	182.7	33.61	-1.38	1027.04
161.9	33.36	-1.53	1026.84	172.0	33.50	-1.46	1026.95	183.0	33.63	-1.37	1027.06
162.0	33.36	-1.53	1026.84	172.3	33.49	-1.46	1026.94	183.1	33.63	-1.38	1027.06
162.1	33.35	-1.51	1026.83	172.4	33.50	-1.45	1026.95	183.2	33.63	-1.37	1027.06
162.3	33.38	-1.52	1026.86	172.6	33.50	-1.45	1026.95	183.5	33.64	-1.37	1027.06
162.4	33.37	-1.51	1026.85	172.8	33.50	-1.45	1026.95	184.0	33.63	-1.37	1027.06
162.5	33.36	-1.51	1026.84	173.0	33.51	-1.45	1026.96	184.1	33.65	-1.36	1027.07
162.7	33.38	-1.51	1026.86	173.4	33.52	-1.45	1026.97	184.5	33.66	-1.35	1027.08
162.9	33.38	-1.51	1026.86	173.6	33.51	-1.45	1026.96	184.8	33.66	-1.34	1027.08
163.3	33.38	-1.51	1026.86	174.0	33.52	-1.44	1026.97	185.2	33.64	-1.33	1027.06
163.5	33.39	-1.51	1026.86	174.2	33.53	-1.44	1026.98	185.3	33.66	-1.33	1027.08
164.0	33.39	-1.51	1026.86	174.5	33.53	-1.44	1026.98	185.5	33.66	-1.32	1027.08
164.2	33.38	-1.51	1026.86	174.6	33.52	-1.44	1026.97	185.7	33.66	-1.31	1027.08
164.5	33.39	-1.51	1026.86	174.7	33.53	-1.44	1026.98	185.8	33.68	-1.32	1027.09
164.7	33.39	-1.51	1026.86	174.8	33.52	-1.44	1026.97	186.2	33.68	-1.32	1027.09
165.0	33.40	-1.51	1026.87	175.1	33.51	-1.44	1026.96	186.6	33.69	-1.31	1027.10
165.2	33.39	-1.51	1026.86	175.4	33.52	-1.43	1026.97	186.8	33.68	-1.30	1027.09
165.3	33.40	-1.51	1026.87	175.5	33.55	-1.43	1026.99	187.2	33.67	-1.31	1027.09
165.5	33.39	-1.51	1026.86	175.8	33.55	-1.43	1026.99	187.4	33.69	-1.30	1027.10
165.7	33.41	-1.51	1026.88	176.2	33.55	-1.42	1026.99	187.7	33.68	-1.30	1027.09
165.9	33.40	-1.50	1026.87	176.6	33.55	-1.42	1026.99	187.9	33.69	-1.30	1027.10
166.1	33.42	-1.48	1026.89	176.8	33.55	-1.41	1026.99	188.0	33.69	-1.30	1027.10
166.5	33.42	-1.48	1026.89	177.1	33.57	-1.41	1027.01	188.2	33.70	-1.30	1027.11
166.8	33.42	-1.48	1026.89	177.2	33.56	-1.41	1027.00	188.4	33.70	-1.30	1027.11

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
188.5	33.70	-1.30	1027.11	199.4	33.94	-1.07	1027.30	210.5	34.17	-0.82	1027.47
188.8	33.71	-1.29	1027.12	199.5	33.94	-1.07	1027.30	210.7	34.17	-0.82	1027.47
188.9	33.72	-1.29	1027.13	199.6	33.95	-1.07	1027.30	211.1	34.16	-0.81	1027.47
189.1	33.72	-1.27	1027.13	199.9	33.95	-1.05	1027.30	211.4	34.17	-0.81	1027.47
189.5	33.73	-1.27	1027.13	200.1	33.97	-1.05	1027.32	211.8	34.19	-0.80	1027.49
189.8	33.74	-1.26	1027.14	200.5	33.96	-1.03	1027.31	212.2	34.17	-0.80	1027.47
190.1	33.75	-1.25	1027.15	200.9	33.97	-1.03	1027.32	212.3	34.19	-0.79	1027.49
190.4	33.76	-1.23	1027.16	201.1	33.97	-1.03	1027.32	212.5	34.19	-0.79	1027.49
190.6	33.76	-1.23	1027.16	201.5	33.97	-1.02	1027.32	212.6	34.19	-0.79	1027.49
190.9	33.77	-1.23	1027.16	201.7	33.98	-1.02	1027.33	212.7	34.18	-0.79	1027.48
191.0	33.79	-1.23	1027.18	201.8	33.98	-1.02	1027.33	212.9	34.20	-0.77	1027.50
191.1	33.77	-1.22	1027.16	202.0	33.96	-1.02	1027.31	213.3	34.22	-0.77	1027.51
191.4	33.78	-1.23	1027.17	202.1	33.97	-1.02	1027.32	213.7	34.22	-0.75	1027.51
191.6	33.76	-1.22	1027.16	202.4	33.99	-1.02	1027.34	214.1	34.21	-0.74	1027.50
191.7	33.76	-1.21	1027.16	202.5	33.98	-1.02	1027.33	214.6	34.22	-0.73	1027.51
192.0	33.79	-1.21	1027.18	202.6	33.98	-1.01	1027.33	214.9	34.22	-0.72	1027.51
192.2	33.79	-1.21	1027.18	203.0	33.99	-1.01	1027.34	215.2	34.24	-0.72	1027.53
192.5	33.80	-1.20	1027.19	203.1	33.98	-1.01	1027.33	215.3	34.24	-0.73	1027.53
192.8	33.81	-1.20	1027.20	203.6	33.99	-1.00	1027.33	215.7	34.25	-0.70	1027.53
193.1	33.82	-1.20	1027.20	203.8	34.00	-1.00	1027.34	215.9	34.25	-0.70	1027.53
193.4	33.81	-1.19	1027.20	204.2	34.00	-0.99	1027.34	216.3	34.27	-0.70	1027.55
193.6	33.82	-1.19	1027.20	204.3	34.00	-0.99	1027.34	216.9	34.27	-0.70	1027.55
193.8	33.82	-1.18	1027.20	204.4	34.01	-0.99	1027.35	217.1	34.26	-0.68	1027.54
194.0	33.82	-1.17	1027.20	204.6	34.01	-0.99	1027.35	217.5	34.27	-0.69	1027.55
194.1	33.84	-1.17	1027.22	204.7	34.01	-0.98	1027.35	217.8	34.28	-0.68	1027.56
194.3	33.84	-1.17	1027.22	205.1	34.01	-0.98	1027.35	217.9	34.29	-0.69	1027.57
194.5	33.84	-1.16	1027.22	205.2	34.02	-0.97	1027.36	218.0	34.27	-0.68	1027.55
194.6	33.85	-1.16	1027.23	205.7	34.03	-0.97	1027.37	218.1	34.28	-0.68	1027.56
194.8	33.84	-1.15	1027.22	206.2	34.04	-0.97	1027.37	218.5	34.28	-0.68	1027.56
195.2	33.83	-1.14	1027.21	206.4	34.04	-0.96	1027.37	218.6	34.28	-0.67	1027.56
195.3	33.84	-1.14	1027.22	206.8	34.05	-0.94	1027.38	219.2	34.29	-0.66	1027.56
195.7	33.86	-1.13	1027.23	206.9	34.05	-0.94	1027.38	219.4	34.30	-0.66	1027.57
195.9	33.87	-1.13	1027.24	207.0	34.06	-0.94	1027.39	220.0	34.31	-0.65	1027.58
196.2	33.86	-1.12	1027.23	207.1	34.05	-0.94	1027.38	220.1	34.30	-0.65	1027.57
196.4	33.88	-1.12	1027.25	207.3	34.07	-0.94	1027.40	220.4	34.31	-0.64	1027.58
196.6	33.87	-1.12	1027.24	207.4	34.05	-0.94	1027.38	220.5	34.31	-0.64	1027.58
196.7	33.89	-1.11	1027.26	207.5	34.07	-0.94	1027.40	220.6	34.30	-0.63	1027.57
197.0	33.90	-1.11	1027.27	207.9	34.09	-0.93	1027.41	220.8	34.31	-0.63	1027.58
197.3	33.90	-1.10	1027.27	208.1	34.07	-0.92	1027.40	221.1	34.32	-0.62	1027.59
197.8	33.90	-1.09	1027.27	208.6	34.08	-0.90	1027.40	221.3	34.33	-0.62	1027.59
198.0	33.91	-1.07	1027.27	209.0	34.10	-0.89	1027.42	221.5	34.32	-0.61	1027.59
198.4	33.94	-1.08	1027.30	209.2	34.12	-0.86	1027.43	221.6	34.33	-0.61	1027.59
198.7	33.93	-1.07	1027.29	209.7	34.14	-0.84	1027.45	221.7	34.34	-0.61	1027.60
198.9	33.93	-1.07	1027.29	209.9	34.13	-0.85	1027.44	221.9	34.33	-0.60	1027.59
199.0	33.93	-1.07	1027.29	210.0	34.13	-0.86	1027.44	222.3	34.33	-0.60	1027.59
199.3	33.94	-1.07	1027.30	210.1	34.16	-0.84	1027.47	222.6	34.34	-0.59	1027.60

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
222.8	34.34	-0.59	1027.60	232.4	34.45	-0.41	1027.68	242.9	34.58	-0.22	1027.78
223.1	34.34	-0.59	1027.60	232.8	34.46	-0.40	1027.69	243.1	34.58	-0.22	1027.78
223.3	34.35	-0.58	1027.61	233.0	34.48	-0.41	1027.71	243.3	34.58	-0.22	1027.78
223.6	34.36	-0.58	1027.62	233.4	34.46	-0.40	1027.69	243.4	34.57	-0.21	1027.77
223.7	34.35	-0.57	1027.61	233.7	34.48	-0.40	1027.71	243.8	34.58	-0.20	1027.78
223.8	34.36	-0.56	1027.62	233.8	34.48	-0.40	1027.71	243.9	34.59	-0.20	1027.79
224.0	34.36	-0.56	1027.62	234.1	34.47	-0.39	1027.70	244.3	34.58	-0.20	1027.78
224.3	34.37	-0.56	1027.62	234.5	34.48	-0.38	1027.71	244.5	34.59	-0.19	1027.79
224.4	34.36	-0.55	1027.62	234.8	34.49	-0.38	1027.71	244.6	34.59	-0.18	1027.78
224.8	34.37	-0.55	1027.62	234.9	34.49	-0.38	1027.71	245.1	34.60	-0.18	1027.79
224.9	34.37	-0.55	1027.62	235.2	34.48	-0.37	1027.70	245.2	34.60	-0.18	1027.79
225.0	34.37	-0.55	1027.62	235.4	34.49	-0.36	1027.71	245.5	34.59	-0.18	1027.78
225.3	34.38	-0.55	1027.63	235.6	34.48	-0.36	1027.70	245.6	34.59	-0.17	1027.78
225.7	34.38	-0.55	1027.63	235.9	34.49	-0.35	1027.71	245.9	34.61	-0.17	1027.80
225.8	34.38	-0.55	1027.63	236.1	34.48	-0.35	1027.70	246.0	34.58	-0.16	1027.78
225.9	34.38	-0.55	1027.63	236.4	34.49	-0.34	1027.71	246.1	34.61	-0.16	1027.80
226.0	34.38	-0.54	1027.63	236.6	34.52	-0.34	1027.74	246.4	34.61	-0.16	1027.80
226.3	34.39	-0.54	1027.64	236.7	34.50	-0.33	1027.72	246.5	34.63	-0.16	1027.82
226.6	34.38	-0.53	1027.63	236.9	34.52	-0.33	1027.74	246.8	34.62	-0.15	1027.81
226.8	34.38	-0.53	1027.63	237.0	34.52	-0.33	1027.74	247.2	34.62	-0.14	1027.81
226.9	34.38	-0.52	1027.63	237.2	34.52	-0.32	1027.73	247.3	34.61	-0.15	1027.80
227.3	34.40	-0.53	1027.65	237.4	34.52	-0.32	1027.73	247.5	34.63	-0.15	1027.82
227.5	34.40	-0.52	1027.65	237.6	34.52	-0.31	1027.73	247.8	34.61	-0.14	1027.80
227.7	34.39	-0.52	1027.64	237.8	34.54	-0.30	1027.75	248.1	34.62	-0.14	1027.81
228.0	34.39	-0.52	1027.64	238.2	34.54	-0.29	1027.75	248.2	34.61	-0.13	1027.80
228.1	34.39	-0.51	1027.64	238.3	34.52	-0.28	1027.73	248.3	34.63	-0.13	1027.81
228.4	34.39	-0.51	1027.64	238.7	34.54	-0.28	1027.75	248.6	34.61	-0.13	1027.80
228.6	34.41	-0.50	1027.65	238.8	34.54	-0.28	1027.75	248.7	34.63	-0.13	1027.81
228.7	34.40	-0.50	1027.65	239.1	34.54	-0.27	1027.75	248.9	34.63	-0.13	1027.81
228.8	34.40	-0.49	1027.65	239.3	34.54	-0.27	1027.75	249.1	34.63	-0.13	1027.81
229.1	34.41	-0.49	1027.65	239.4	34.53	-0.27	1027.74	249.3	34.63	-0.13	1027.81
229.2	34.41	-0.48	1027.65	239.6	34.53	-0.27	1027.74	249.7	34.61	-0.13	1027.80
229.5	34.42	-0.47	1027.66	239.7	34.55	-0.27	1027.76	250.1	34.63	-0.13	1027.81
229.6	34.42	-0.47	1027.66	239.9	34.55	-0.27	1027.76	250.4	34.63	-0.13	1027.81
230.0	34.43	-0.47	1027.67	240.1	34.54	-0.26	1027.75	250.8	34.62	-0.13	1027.81
230.2	34.43	-0.47	1027.67	240.2	34.55	-0.26	1027.76	250.9	34.63	-0.12	1027.81
230.6	34.43	-0.47	1027.67	240.6	34.55	-0.26	1027.76	251.2	34.63	-0.12	1027.81
230.8	34.43	-0.45	1027.67	240.7	34.55	-0.24	1027.76	251.3	34.62	-0.12	1027.81
231.1	34.44	-0.45	1027.68	241.1	34.55	-0.24	1027.76	251.4	34.62	-0.12	1027.81
231.2	34.44	-0.45	1027.68	241.4	34.57	-0.23	1027.77	251.5	34.63	-0.12	1027.81
231.3	34.44	-0.44	1027.68	241.5	34.58	-0.23	1027.78	251.7	34.63	-0.12	1027.81
231.6	34.44	-0.44	1027.68	241.9	34.57	-0.23	1027.77	251.9	34.64	-0.12	1027.82
231.7	34.45	-0.44	1027.68	242.2	34.57	-0.23	1027.77	252.3	34.63	-0.11	1027.81
231.9	34.45	-0.44	1027.68	242.4	34.57	-0.22	1027.77	252.6	34.62	-0.11	1027.81
232.1	34.46	-0.44	1027.69	242.7	34.56	-0.22	1027.76	253.0	34.63	-0.12	1027.81
232.2	34.46	-0.42	1027.69	242.8	34.59	-0.22	1027.79	253.4	34.63	-0.11	1027.81

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
253.5	34.63	-0.11	1027.81	264.1	34.70	0.03	1027.86	274.3	34.73	0.11	1027.88
253.8	34.64	-0.11	1027.82	264.5	34.69	0.03	1027.85	274.6	34.73	0.11	1027.88
253.9	34.64	-0.11	1027.82	264.6	34.70	0.03	1027.86	274.7	34.73	0.11	1027.88
254.0	34.64	-0.11	1027.82	264.7	34.69	0.03	1027.85	275.1	34.73	0.11	1027.88
254.1	34.63	-0.11	1027.81	264.8	34.70	0.03	1027.86	275.4	34.73	0.11	1027.88
254.5	34.64	-0.11	1027.82	265.0	34.70	0.04	1027.86	275.6	34.72	0.11	1027.87
254.9	34.63	-0.11	1027.81	265.1	34.69	0.04	1027.85	275.7	34.75	0.11	1027.90
255.1	34.65	-0.11	1027.83	265.3	34.68	0.04	1027.85	276.1	34.74	0.11	1027.89
255.2	34.63	-0.11	1027.81	265.6	34.71	0.04	1027.87	276.3	34.73	0.11	1027.88
255.5	34.66	-0.10	1027.84	266.0	34.69	0.05	1027.85	276.4	34.74	0.11	1027.89
255.6	34.64	-0.10	1027.82	266.1	34.71	0.05	1027.87	276.8	34.73	0.11	1027.88
255.8	34.63	-0.10	1027.81	266.3	34.70	0.05	1027.86	276.9	34.74	0.11	1027.89
256.1	34.64	-0.10	1027.82	266.6	34.70	0.05	1027.86	277.1	34.73	0.11	1027.88
256.3	34.66	-0.10	1027.84	266.7	34.69	0.06	1027.85	277.2	34.73	0.12	1027.88
256.7	34.64	-0.09	1027.82	266.9	34.72	0.06	1027.88	277.4	34.74	0.12	1027.89
257.0	34.65	-0.09	1027.83	267.1	34.71	0.06	1027.87	277.8	34.74	0.12	1027.89
257.1	34.64	-0.08	1027.82	267.4	34.71	0.07	1027.87	278.0	34.74	0.12	1027.89
257.4	34.64	-0.08	1027.82	267.6	34.70	0.07	1027.86	278.2	34.74	0.12	1027.89
257.6	34.64	-0.08	1027.82	267.9	34.70	0.07	1027.86	278.5	34.74	0.12	1027.89
257.8	34.65	-0.07	1027.83	268.2	34.70	0.07	1027.86	278.6	34.74	0.12	1027.89
258.2	34.65	-0.06	1027.83	268.3	34.71	0.08	1027.87	278.8	34.74	0.12	1027.89
258.3	34.65	-0.06	1027.83	268.5	34.73	0.08	1027.88	278.9	34.74	0.12	1027.89
258.4	34.66	-0.06	1027.83	268.8	34.73	0.08	1027.88	279.0	34.74	0.12	1027.89
258.8	34.66	-0.06	1027.83	269.0	34.71	0.08	1027.87	279.3	34.74	0.12	1027.89
259.1	34.65	-0.06	1027.83	269.3	34.73	0.09	1027.88	279.5	34.74	0.12	1027.89
259.3	34.66	-0.06	1027.83	269.5	34.72	0.10	1027.87	279.6	34.74	0.12	1027.89
259.5	34.66	-0.05	1027.83	269.8	34.72	0.09	1027.88	280.0	34.75	0.12	1027.90
259.7	34.66	-0.05	1027.83	269.9	34.71	0.10	1027.87	280.1	34.73	0.13	1027.88
259.9	34.66	-0.04	1027.83	270.1	34.73	0.10	1027.88	280.4	34.74	0.13	1027.89
260.0	34.66	-0.04	1027.83	270.5	34.73	0.10	1027.88	280.6	34.74	0.13	1027.89
260.2	34.68	-0.04	1027.85	270.6	34.73	0.11	1027.88	280.9	34.73	0.13	1027.88
260.3	34.67	-0.04	1027.84	270.8	34.73	0.10	1027.88	281.0	34.75	0.13	1027.90
260.5	34.67	-0.04	1027.84	270.9	34.73	0.11	1027.88	281.4	34.75	0.13	1027.90
260.6	34.67	-0.04	1027.84	271.3	34.73	0.11	1027.88	281.5	34.75	0.13	1027.90
260.9	34.68	-0.03	1027.85	271.4	34.71	0.11	1027.87	281.6	34.74	0.15	1027.89
261.4	34.68	-0.02	1027.85	271.8	34.73	0.10	1027.88	281.9	34.75	0.15	1027.90
261.8	34.67	-0.01	1027.84	271.9	34.72	0.10	1027.87	282.0	34.75	0.15	1027.90
261.9	34.68	0.00	1027.85	272.0	34.73	0.10	1027.88	282.2	34.75	0.15	1027.90
262.1	34.68	0.01	1027.85	272.4	34.73	0.10	1027.88	282.3	34.76	0.14	1027.90
262.5	34.67	0.01	1027.84	272.7	34.73	0.11	1027.88	282.6	34.75	0.15	1027.90
262.8	34.67	0.01	1027.84	273.1	34.73	0.11	1027.88	282.7	34.75	0.15	1027.90
262.9	34.68	0.02	1027.85	273.2	34.74	0.11	1027.89	282.8	34.75	0.15	1027.90
263.1	34.69	0.02	1027.85	273.3	34.73	0.11	1027.88	283.0	34.74	0.15	1027.89
263.4	34.69	0.02	1027.85	273.6	34.73	0.11	1027.88	283.1	34.75	0.15	1027.90
263.5	34.69	0.02	1027.85	273.7	34.74	0.11	1027.89	283.2	34.75	0.15	1027.90
263.9	34.69	0.02	1027.85	274.0	34.73	0.11	1027.88	283.5	34.74	0.15	1027.89

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Table A1.64. Station 86061 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
283.6	34.76	0.15	1027.90	285.8	34.74	0.15	1027.89	287.9	34.76	0.17	1027.90
283.8	34.76	0.15	1027.90	285.9	34.75	0.15	1027.90	288.0	34.75	0.17	1027.90
284.0	34.75	0.15	1027.90	286.1	34.75	0.16	1027.90	288.1	34.75	0.18	1027.89
284.1	34.76	0.15	1027.90	286.3	34.75	0.16	1027.90	288.3	34.75	0.19	1027.89
284.2	34.76	0.15	1027.90	286.4	34.75	0.15	1027.90	288.4	34.75	0.20	1027.89
284.3	34.76	0.15	1027.90	286.5	34.76	0.15	1027.90	288.5	34.76	0.21	1027.90
284.4	34.75	0.15	1027.90	286.8	34.75	0.16	1027.90	288.6	34.77	0.21	1027.91
284.8	34.76	0.15	1027.90	286.9	34.75	0.16	1027.90	288.9	34.78	0.21	1027.92
285.1	34.76	0.15	1027.90	287.0	34.76	0.15	1027.90	289.1	34.77	0.22	1027.91
285.2	34.76	0.15	1027.90	287.2	34.75	0.15	1027.90	289.3	34.76	0.22	1027.90
285.3	34.76	0.15	1027.90	287.3	34.74	0.16	1027.89	289.4	34.77	0.22	1027.91
285.4	34.76	0.15	1027.90	287.4	34.75	0.16	1027.90	289.5	34.77	0.22	1027.91
285.6	34.76	0.15	1027.90	287.6	34.76	0.15	1027.90				
285.7	34.76	0.15	1027.90	287.8	34.76	0.16	1027.90				

STATION: 86065 DATE: 17 August

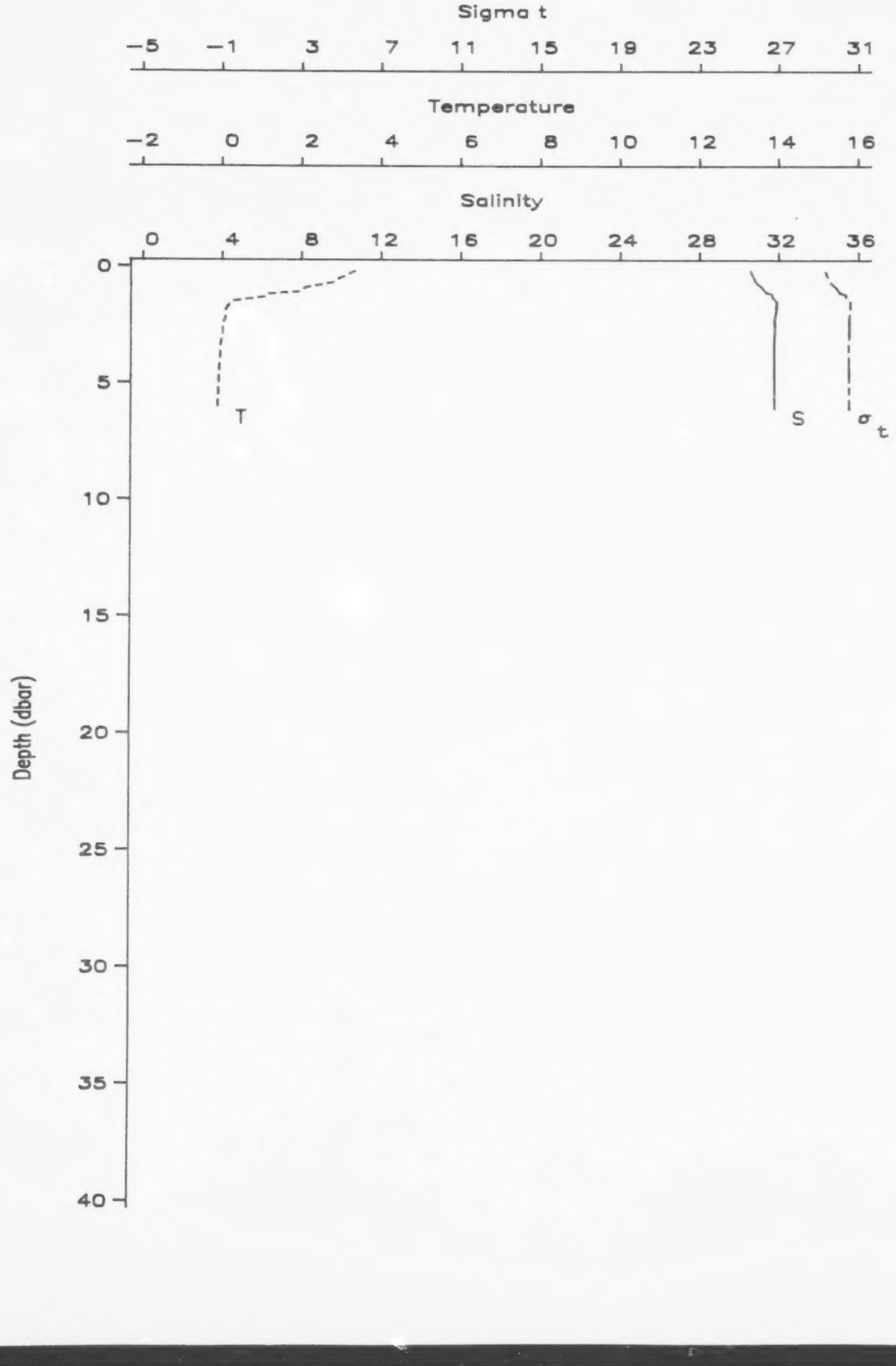

Table A1.65. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86065, August 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	30.58	3.32	1024.33	2.3	31.76	0.05	1025.49	4.4	31.75	-0.08	1025.49
0.3	30.62	3.20	1024.37	2.4	31.78	0.02	1025.51	4.6	31.76	-0.09	1025.50
0.6	30.79	2.84	1024.54	2.5	31.79	-0.01	1025.52	4.7	31.75	-0.09	1025.49
0.7	30.88	2.76	1024.62	2.8	31.76	0.02	1025.49	5.0	31.76	-0.10	1025.50
0.9	31.14	2.11	1024.87	2.9	31.78	0.00	1025.51	5.1	31.76	-0.11	1025.50
1.1	31.33	1.90	1025.04	3.0	31.76	-0.02	1025.49	5.2	31.75	-0.10	1025.49
1.2	31.65	1.12	1025.35	3.3	31.73	-0.04	1025.47	5.5	31.76	-0.11	1025.50
1.3	31.64	1.11	1025.34	3.4	31.72	-0.05	1025.46	5.7	31.77	-0.11	1025.50
1.5	31.87	0.23	1025.57	3.6	31.73	-0.05	1025.47	5.8	31.77	-0.12	1025.50
1.7	31.86	0.14	1025.57	3.8	31.73	-0.06	1025.47	6.0	31.77	-0.12	1025.50
1.8	31.87	0.10	1025.58	4.0	31.75	-0.06	1025.49	6.1	31.78	-0.12	1025.51
1.9	31.85	0.06	1025.56	4.1	31.76	-0.07	1025.49				
2.2	31.78	0.07	1025.50	4.3	31.76	-0.08	1025.49				

STATION: 86066 DATE: 17 August

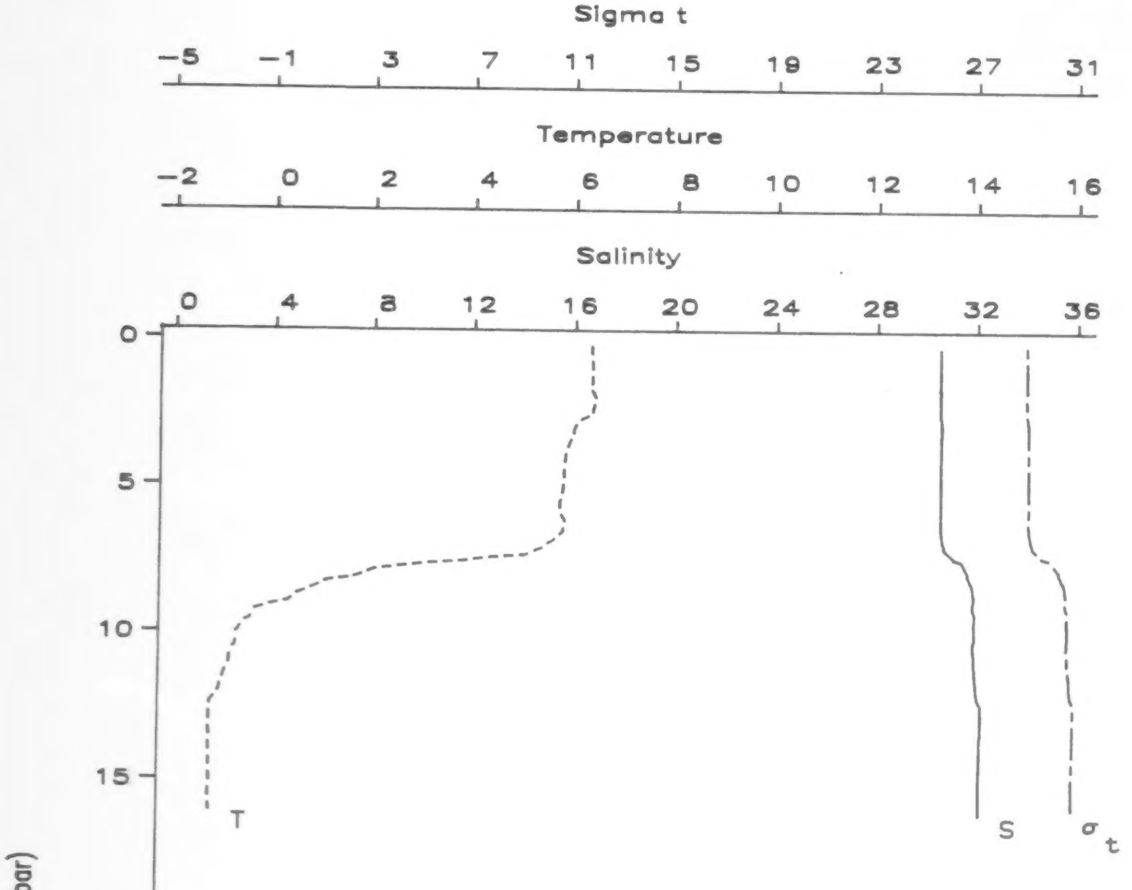

Table A1.66. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86066, August 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	30.51	6.29	1023.97	5.9	30.54	5.68	1024.07	11.4	31.94	-1.00	1025.67
0.6	30.52	6.30	1023.98	6.1	30.53	5.74	1024.05	11.6	31.97	-1.04	1025.70
0.7	30.51	6.30	1023.97	6.2	30.53	5.78	1024.05	11.7	31.98	-1.07	1025.71
0.8	30.51	6.32	1023.97	6.4	30.54	5.77	1024.06	11.8	31.99	-1.09	1025.72
1.1	30.52	6.32	1023.98	6.5	30.56	5.74	1024.08	12.0	32.01	-1.11	1025.73
1.2	30.51	6.32	1023.97	6.6	30.57	5.74	1024.08	12.2	32.04	-1.16	1025.76
1.3	30.52	6.31	1023.98	6.9	30.62	5.54	1024.15	12.3	32.12	-1.23	1025.83
1.5	30.52	6.32	1023.98	7.0	30.68	5.44	1024.20	12.4	32.18	-1.28	1025.88
1.6	30.52	6.31	1023.98	7.1	30.69	5.39	1024.22	12.5	32.16	-1.29	1025.86
1.7	30.50	6.33	1023.96	7.4	31.06	4.98	1024.56	12.7	32.18	-1.29	1025.88
1.8	30.53	6.30	1023.99	7.5	31.38	4.18	1024.89	12.8	32.17	-1.30	1025.87
1.9	30.50	6.35	1023.96	7.6	31.45	3.79	1024.98	12.9	32.18	-1.30	1025.88
2.1	30.49	6.40	1023.94	7.7	31.49	2.99	1025.08	13.0	32.16	-1.30	1025.86
2.2	30.52	6.37	1023.97	7.9	31.63	1.98	1025.27	13.3	32.16	-1.30	1025.86
2.4	30.52	6.34	1023.97	8.0	31.63	1.86	1025.28	13.4	32.16	-1.30	1025.86
2.6	30.52	6.31	1023.98	8.2	31.74	1.52	1025.39	13.5	32.13	-1.29	1025.84
2.8	30.57	6.10	1024.04	8.3	31.80	1.05	1025.47	13.8	32.14	-1.30	1025.84
2.9	30.55	6.05	1024.03	8.6	31.85	0.68	1025.53	14.0	32.13	-1.29	1025.84
3.0	30.57	5.99	1024.06	8.7	31.87	0.51	1025.56	14.1	32.14	-1.30	1025.84
3.2	30.56	5.94	1024.05	8.8	31.87	0.37	1025.56	14.3	32.12	-1.28	1025.83
3.3	30.54	5.95	1024.04	9.0	31.81	0.26	1025.52	14.4	32.12	-1.29	1025.83
3.4	30.54	5.91	1024.04	9.1	31.82	-0.05	1025.54	14.5	32.11	-1.28	1025.82
3.7	30.55	5.84	1024.06	9.3	31.92	-0.43	1025.64	14.6	32.11	-1.29	1025.82
3.9	30.54	5.79	1024.05	9.6	31.87	-0.51	1025.60	14.9	32.09	-1.28	1025.80
4.2	30.52	5.77	1024.04	9.7	31.88	-0.63	1025.61	15.0	32.10	-1.28	1025.81
4.3	30.53	5.76	1024.05	9.8	31.90	-0.68	1025.63	15.1	32.10	-1.28	1025.81
4.5	30.54	5.75	1024.06	10.0	31.89	-0.74	1025.62	15.2	32.11	-1.29	1025.82
4.7	30.54	5.75	1024.06	10.1	31.90	-0.80	1025.63	15.4	32.12	-1.30	1025.83
4.8	30.53	5.75	1024.05	10.2	31.87	-0.79	1025.61	15.5	32.12	-1.30	1025.83
4.9	30.53	5.75	1024.05	10.3	31.84	-0.78	1025.59	15.6	32.12	-1.30	1025.83
5.0	30.53	5.74	1024.05	10.5	31.82	-0.80	1025.57	15.8	32.11	-1.28	1025.82
5.1	30.53	5.74	1024.05	10.6	31.86	-0.85	1025.60	15.9	32.12	-1.28	1025.83
5.3	30.54	5.72	1024.06	10.8	31.89	-0.90	1025.63	16.0	32.12	-1.28	1025.83
5.4	30.53	5.71	1024.06	10.9	31.89	-0.91	1025.63	16.1	32.11	-1.27	1025.82
5.5	30.53	5.69	1024.06	11.1	31.89	-0.92	1025.63				
5.6	30.54	5.67	1024.07	11.2	31.92	-0.96	1025.66				

STATION: 86067 DATE: 18 August

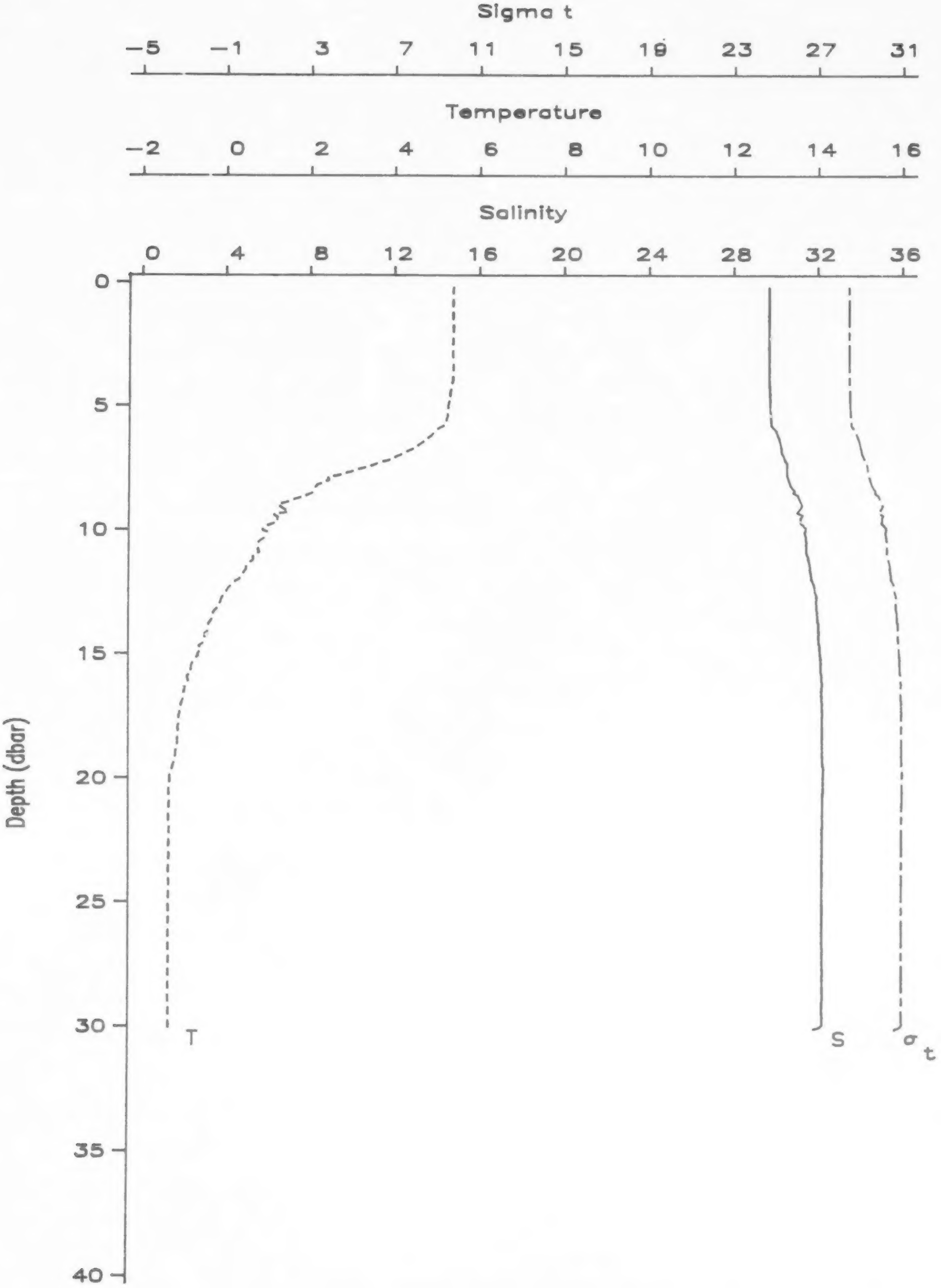

Table A1.67. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86067, August 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	29.67	5.35	1023.42	7.3	30.51	3.59	1024.25	14.3	32.00	-0.51	1025.71
0.3	29.66	5.34	1023.41	7.4	30.52	3.47	1024.27	14.4	32.02	-0.54	1025.72
0.4	29.67	5.35	1023.42	7.8	30.51	2.66	1024.33	14.6	32.04	-0.57	1025.74
0.5	29.67	5.34	1023.42	7.9	30.56	2.39	1024.39	14.7	32.07	-0.65	1025.77
0.7	29.67	5.34	1023.42	8.0	30.59	2.43	1024.41	14.8	32.08	-0.59	1025.77
0.8	29.67	5.34	1023.42	8.2	30.68	2.13	1024.50	15.0	32.10	-0.68	1025.79
0.9	29.67	5.34	1023.42	8.3	30.76	2.08	1024.57	15.1	32.11	-0.68	1025.80
1.0	29.67	5.34	1023.42	8.4	30.87	2.04	1024.66	15.2	32.12	-0.75	1025.81
1.1	29.67	5.34	1023.42	8.5	30.83	2.03	1024.63	15.4	32.13	-0.82	1025.82
1.3	29.67	5.34	1023.42	8.6	31.02	1.92	1024.79	15.8	32.14	-0.86	1025.83
1.4	29.67	5.35	1023.42	9.0	31.23	1.21	1025.00	15.9	32.16	-0.93	1025.85
1.5	29.67	5.35	1023.42	9.3	31.00	1.46	1024.80	16.1	32.16	-0.90	1025.85
1.6	29.67	5.34	1023.42	9.4	31.25	1.11	1025.02	16.2	32.19	-0.98	1025.88
1.8	29.66	5.35	1023.41	9.5	31.16	1.20	1024.95	16.3	32.17	-0.99	1025.86
2.1	29.67	5.34	1023.42	9.7	31.14	1.18	1024.93	16.4	32.15	-0.98	1025.84
2.4	29.67	5.35	1023.42	9.8	31.27	1.03	1025.05	16.5	32.16	-1.01	1025.85
2.5	29.67	5.34	1023.42	9.9	31.39	0.87	1025.15	16.7	32.17	-1.02	1025.86
2.6	29.67	5.34	1023.42	10.0	31.39	0.84	1025.15	16.8	32.16	-1.02	1025.85
2.7	29.67	5.34	1023.42	10.1	31.33	0.95	1025.10	17.0	32.20	-1.07	1025.89
2.9	29.67	5.34	1023.42	10.3	31.41	0.91	1025.16	17.2	32.19	-1.09	1025.88
3.0	29.67	5.34	1023.42	10.5	31.44	0.75	1025.20	17.3	32.20	-1.11	1025.89
3.1	29.66	5.35	1023.41	10.6	31.42	0.76	1025.18	17.4	32.21	-1.11	1025.90
3.4	29.66	5.35	1023.41	10.8	31.44	0.73	1025.20	17.5	32.20	-1.13	1025.89
3.5	29.67	5.35	1023.42	10.9	31.42	0.77	1025.18	17.8	32.18	-1.13	1025.87
3.6	29.68	5.34	1023.42	11.0	31.46	0.71	1025.22	17.9	32.20	-1.15	1025.89
3.7	29.67	5.34	1023.42	11.1	31.52	0.61	1025.27	18.0	32.20	-1.15	1025.89
3.9	29.67	5.34	1023.42	11.2	31.52	0.63	1025.27	18.2	32.20	-1.14	1025.89
4.0	29.67	5.34	1023.42	11.5	31.61	0.45	1025.35	18.3	32.20	-1.15	1025.89
4.2	29.70	5.30	1023.44	11.6	31.58	0.45	1025.33	18.4	32.20	-1.16	1025.89
4.3	29.69	5.30	1023.44	11.7	31.62	0.41	1025.36	18.7	32.21	-1.16	1025.90
4.5	29.72	5.27	1023.46	11.9	31.67	0.32	1025.40	18.9	32.22	-1.20	1025.91
4.6	29.71	5.27	1023.46	12.0	31.66	0.29	1025.40	19.1	32.22	-1.20	1025.91
4.7	29.71	5.29	1023.45	12.2	31.79	0.11	1025.51	19.3	32.22	-1.22	1025.91
4.8	29.73	5.25	1023.47	12.5	31.84	-0.02	1025.56	19.4	32.23	-1.25	1025.92
5.2	29.73	5.21	1023.48	12.6	31.89	-0.05	1025.60	19.5	32.23	-1.27	1025.92
5.3	29.75	5.21	1023.49	12.7	31.92	-0.11	1025.63	19.6	32.27	-1.28	1025.95
5.4	29.74	5.22	1023.49	12.9	31.88	-0.15	1025.59	19.8	32.25	-1.31	1025.93
5.6	29.77	5.18	1023.51	13.0	31.91	-0.17	1025.62	19.9	32.26	-1.34	1025.94
5.8	29.79	5.13	1023.53	13.2	31.92	-0.24	1025.63	20.0	32.24	-1.34	1025.93
6.0	29.99	4.93	1023.71	13.3	31.95	-0.30	1025.66	20.1	32.24	-1.34	1025.93
6.2	30.08	4.83	1023.79	13.5	31.98	-0.36	1025.68	20.2	32.24	-1.34	1025.93
6.3	30.13	4.76	1023.84	13.6	31.97	-0.34	1025.67	20.4	32.25	-1.36	1025.94
6.7	30.25	4.45	1023.97	13.7	31.99	-0.39	1025.69	20.5	32.23	-1.36	1025.92
6.9	30.27	4.19	1024.01	13.8	32.02	-0.43	1025.72	20.6	32.23	-1.36	1025.92
7.1	30.39	3.96	1024.12	14.1	32.03	-0.45	1025.73	20.7	32.24	-1.36	1025.93
7.2	30.42	3.82	1024.16	14.2	32.03	-0.51	1025.73	21.0	32.22	-1.35	1025.91

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Table A1.67. Station 86067 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.1	32.22	-1.36	1025.91	23.9	32.22	-1.37	1025.91	27.2	32.21	-1.36	1025.90
21.4	32.22	-1.37	1025.91	24.1	32.21	-1.36	1025.90	27.4	32.21	-1.37	1025.90
21.5	32.22	-1.37	1025.91	24.2	32.21	-1.36	1025.90	27.7	32.23	-1.37	1025.92
21.6	32.22	-1.36	1025.91	24.7	32.21	-1.37	1025.90	27.8	32.21	-1.37	1025.90
21.7	32.22	-1.36	1025.91	24.9	32.22	-1.37	1025.91	27.9	32.21	-1.37	1025.90
21.9	32.22	-1.35	1025.91	25.1	32.21	-1.37	1025.90	28.0	32.22	-1.37	1025.91
22.0	32.21	-1.35	1025.90	25.2	32.22	-1.37	1025.91	28.1	32.22	-1.37	1025.91
22.2	32.21	-1.36	1025.90	25.3	32.21	-1.37	1025.90	28.4	32.21	-1.37	1025.90
22.3	32.22	-1.36	1025.91	25.4	32.21	-1.36	1025.90	28.5	32.22	-1.37	1025.91
22.5	32.22	-1.36	1025.91	25.5	32.22	-1.37	1025.91	28.6	32.22	-1.37	1025.91
22.6	32.22	-1.36	1025.91	25.7	32.22	-1.37	1025.91	28.8	32.23	-1.38	1025.92
22.7	32.22	-1.36	1025.91	25.8	32.21	-1.36	1025.90	29.0	32.21	-1.37	1025.90
22.8	32.22	-1.37	1025.91	25.9	32.22	-1.37	1025.91	29.2	32.21	-1.37	1025.90
23.0	32.22	-1.36	1025.91	26.2	32.21	-1.37	1025.90	29.4	32.21	-1.37	1025.90
23.1	32.21	-1.36	1025.90	26.3	32.22	-1.37	1025.91	29.5	32.21	-1.37	1025.90
23.3	32.21	-1.37	1025.90	26.5	32.22	-1.37	1025.91	29.6	32.23	-1.37	1025.92
23.4	32.22	-1.37	1025.91	26.6	32.22	-1.37	1025.91	29.7	32.21	-1.37	1025.90
23.6	32.22	-1.37	1025.91	26.8	32.22	-1.37	1025.91	29.9	32.22	-1.37	1025.91
23.7	32.21	-1.37	1025.90	26.9	32.23	-1.37	1025.92	30.0	32.10	-1.37	1025.81
23.8	32.21	-1.36	1025.90	27.0	32.21	-1.36	1025.90	30.1	31.82	-1.37	1025.59

STATION: 86068 DATE: 18 August

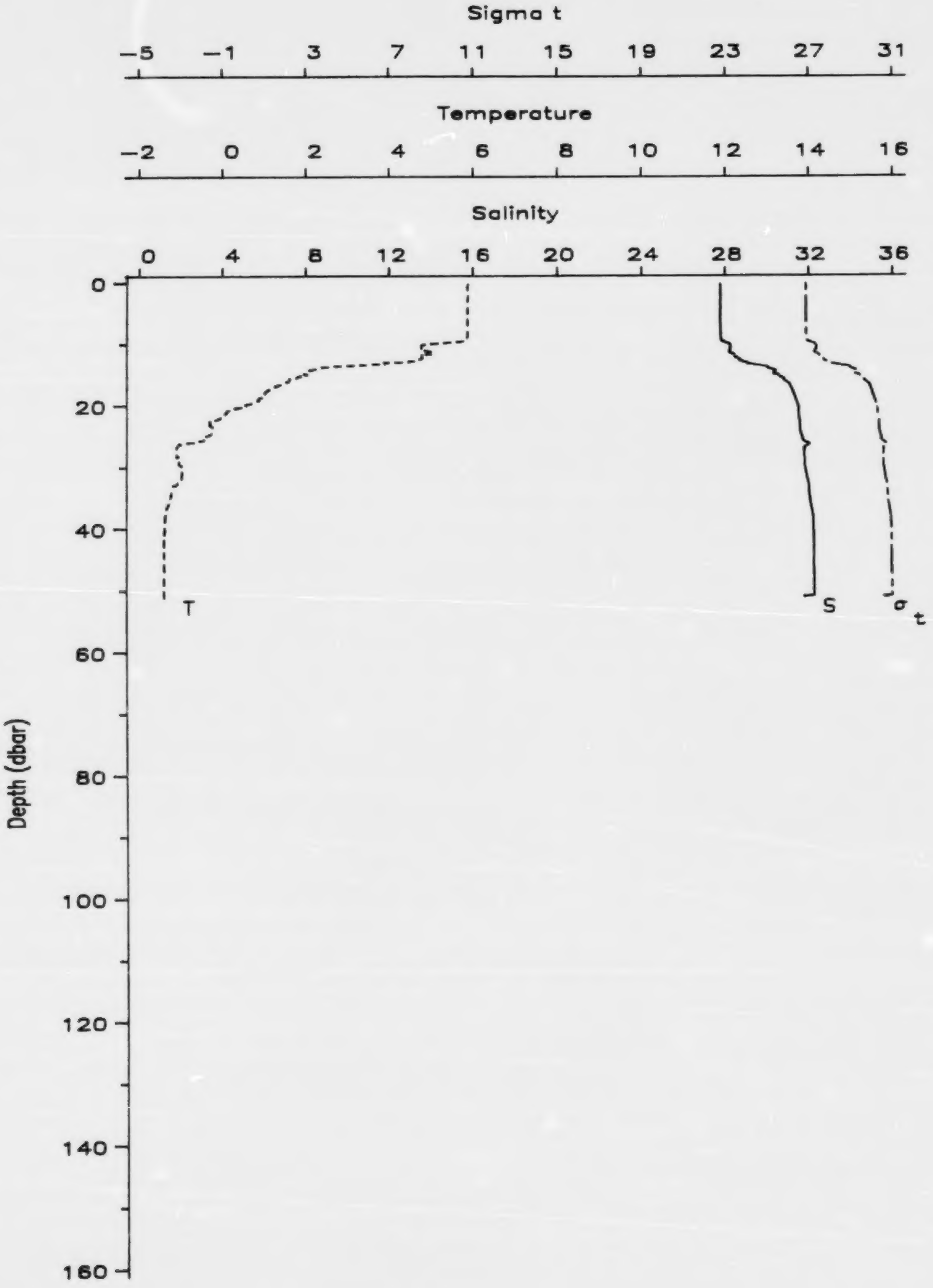

Table A1.68. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86068, August 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	27.76	5.85	1021.85	7.1	27.76	5.85	1021.85	14.0	30.00	2.27	1023.95
0.5	27.76	5.85	1021.85	7.3	27.76	5.85	1021.85	14.2	30.18	2.15	1024.10
0.6	27.77	5.84	1021.86	7.5	27.76	5.84	1021.85	14.4	30.39	2.01	1024.28
0.7	27.76	5.85	1021.85	7.6	27.76	5.84	1021.85	14.5	30.31	1.99	1024.22
0.9	27.76	5.85	1021.85	7.7	27.77	5.84	1021.86	14.9	30.39	1.93	1024.28
1.2	27.77	5.84	1021.86	7.8	27.77	5.84	1021.86	15.0	30.28	2.02	1024.19
1.3	27.77	5.84	1021.86	8.0	27.76	5.84	1021.85	15.1	30.52	1.85	1024.39
1.4	27.76	5.84	1021.85	8.2	27.76	5.84	1021.85	15.2	30.49	1.88	1024.37
1.6	27.75	5.85	1021.85	8.3	27.76	5.84	1021.85	15.4	30.58	1.80	1024.45
1.8	27.76	5.84	1021.85	8.4	27.77	5.84	1021.86	15.5	30.62	1.78	1024.48
1.9	27.77	5.84	1021.86	8.6	27.76	5.84	1021.85	15.7	30.78	1.58	1024.62
2.0	27.76	5.84	1021.85	8.8	27.76	5.84	1021.85	15.9	30.75	1.60	1024.59
2.2	27.76	5.85	1021.85	9.0	27.78	5.83	1021.87	16.0	30.79	1.58	1024.63
2.3	27.76	5.85	1021.85	9.2	27.77	5.82	1021.86	16.1	30.81	1.56	1024.64
2.5	27.76	5.85	1021.85	9.3	27.79	5.79	1021.88	16.2	30.89	1.52	1024.71
2.7	27.76	5.85	1021.85	9.5	27.79	5.78	1021.88	16.5	30.99	1.44	1024.80
2.8	27.76	5.84	1021.85	9.6	27.81	5.74	1021.91	16.7	31.08	1.31	1024.88
2.9	27.76	5.85	1021.85	9.7	27.86	5.67	1021.95	16.8	31.06	1.32	1024.86
3.0	27.76	5.85	1021.85	9.8	27.96	5.44	1022.05	17.0	31.11	1.21	1024.91
3.2	27.76	5.85	1021.85	10.1	28.18	4.93	1022.28	17.1	31.13	1.16	1024.93
3.3	27.76	5.85	1021.85	10.2	28.19	4.76	1022.30	17.3	31.15	1.13	1024.94
3.5	27.76	5.85	1021.85	10.4	28.23	4.74	1022.34	17.4	31.17	1.10	1024.96
3.7	27.76	5.85	1021.85	10.6	28.25	4.76	1022.35	17.6	31.20	1.06	1024.99
3.8	27.76	5.84	1021.85	10.7	28.21	4.76	1022.32	17.7	31.21	1.04	1025.00
3.9	27.76	5.84	1021.85	10.8	28.19	4.74	1022.31	17.8	31.22	1.01	1025.01
4.1	27.76	5.84	1021.85	10.9	28.20	4.73	1022.32	18.0	31.22	1.00	1025.01
4.4	27.76	5.85	1021.85	11.0	28.22	4.73	1022.33	18.1	31.24	0.97	1025.02
4.5	27.76	5.84	1021.85	11.2	28.16	4.93	1022.26	18.2	31.24	0.97	1025.02
4.6	27.76	5.85	1021.85	11.4	28.14	5.03	1022.24	18.3	31.28	1.00	1025.05
4.8	27.75	5.85	1021.85	11.5	28.18	4.97	1022.28	18.6	31.29	0.98	1025.06
4.9	27.76	5.84	1021.85	11.7	28.32	5.00	1022.38	18.7	31.32	0.91	1025.09
5.0	27.76	5.84	1021.85	11.8	28.38	4.73	1022.46	18.9	31.35	0.85	1025.12
5.1	27.76	5.85	1021.85	11.9	28.42	4.78	1022.48	19.1	31.36	0.83	1025.13
5.4	27.76	5.84	1021.85	12.0	28.42	4.77	1022.49	19.2	31.35	0.84	1025.12
5.5	27.76	5.84	1021.85	12.2	28.46	4.78	1022.52	19.3	31.38	0.77	1025.15
5.6	27.76	5.85	1021.85	12.3	28.47	4.78	1022.52	19.6	31.40	0.72	1025.17
5.8	27.75	5.85	1021.85	12.4	28.60	4.77	1022.63	19.7	31.42	0.63	1025.19
5.9	27.76	5.84	1021.85	12.7	28.72	4.65	1022.73	19.9	31.44	0.56	1025.21
6.0	27.76	5.84	1021.85	12.8	28.65	4.66	1022.68	20.0	31.46	0.50	1025.23
6.1	27.76	5.84	1021.85	12.9	28.75	4.45	1022.78	20.2	31.42	0.52	1025.19
6.2	27.76	5.84	1021.85	13.0	28.84	4.40	1022.85	20.3	31.49	0.46	1025.25
6.5	27.76	5.85	1021.85	13.1	29.01	3.86	1023.04	20.4	31.46	0.33	1025.23
6.6	27.76	5.85	1021.85	13.3	29.00	3.89	1023.03	20.7	31.49	0.17	1025.27
6.7	27.76	5.84	1021.85	13.4	29.23	3.54	1023.24	20.9	31.48	0.09	1025.26
6.9	27.77	5.84	1021.86	13.8	29.95	2.40	1023.90	21.0	31.46	0.10	1025.24
7.0	27.76	5.85	1021.85	13.9	30.02	2.35	1023.96	21.2	31.47	0.06	1025.25

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Table A1.68. Station 86068 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.3	31.48	0.05	1025.26	28.9	31.73	-1.06	1025.51	35.8	32.03	-1.29	1025.75
21.4	31.46	0.06	1025.25	29.0	31.74	-1.07	1025.51	35.9	32.05	-1.30	1025.77
21.5	31.50	0.01	1025.28	29.2	31.73	-1.06	1025.51	36.2	32.06	-1.33	1025.78
21.7	31.50	-0.07	1025.28	29.4	31.73	-1.05	1025.50	36.3	32.07	-1.34	1025.79
22.0	31.48	-0.07	1025.27	29.5	31.75	-1.05	1025.52	36.6	32.07	-1.34	1025.79
22.1	31.48	-0.09	1025.27	29.7	31.73	-1.02	1025.50	36.7	32.09	-1.36	1025.81
22.4	31.51	-0.18	1025.30	29.9	31.73	-0.96	1025.50	36.9	32.11	-1.37	1025.82
22.5	31.52	-0.24	1025.31	30.2	31.80	-0.95	1025.56	37.1	32.10	-1.36	1025.81
22.6	31.56	-0.32	1025.34	30.4	31.79	-0.97	1025.55	37.2	32.12	-1.37	1025.83
22.9	31.52	-0.30	1025.31	30.5	31.80	-0.97	1025.56	37.4	32.13	-1.37	1025.84
23.0	31.50	-0.30	1025.29	30.7	31.81	-1.00	1025.57	37.7	32.14	-1.39	1025.85
23.1	31.52	-0.31	1025.31	30.8	31.81	-0.99	1025.57	37.8	32.13	-1.38	1025.84
23.4	31.54	-0.28	1025.33	31.0	31.82	-0.99	1025.58	37.9	32.15	-1.39	1025.85
23.5	31.54	-0.26	1025.32	31.1	31.83	-0.99	1025.58	38.0	32.14	-1.39	1025.85
23.6	31.55	-0.22	1025.33	31.3	31.85	-0.99	1025.60	38.4	32.17	-1.40	1025.87
24.2	31.55	-0.24	1025.33	31.4	31.85	-0.99	1025.60	38.7	32.16	-1.40	1025.86
24.4	31.57	-0.25	1025.35	31.5	31.85	-0.99	1025.60	38.8	32.15	-1.40	1025.85
24.5	31.59	-0.28	1025.37	31.6	31.85	-1.00	1025.60	38.9	32.15	-1.40	1025.85
24.6	31.57	-0.30	1025.35	31.8	31.86	-1.00	1025.61	39.0	32.16	-1.40	1025.86
24.7	31.57	-0.30	1025.35	32.1	31.89	-1.02	1025.63	39.2	32.17	-1.40	1025.87
24.9	31.62	-0.35	1025.39	32.2	31.90	-1.04	1025.64	39.4	32.18	-1.41	1025.88
25.0	31.64	-0.41	1025.41	32.4	31.93	-1.07	1025.67	39.7	32.18	-1.42	1025.88
25.2	31.66	-0.47	1025.43	32.5	31.93	-1.09	1025.67	39.8	32.17	-1.42	1025.87
25.3	31.62	-0.43	1025.40	32.6	31.94	-1.10	1025.68	39.9	32.18	-1.41	1025.88
25.5	31.66	-0.46	1025.43	32.9	31.93	-1.13	1025.67	40.0	32.18	-1.41	1025.88
25.7	31.64	-0.47	1025.41	33.1	31.96	-1.22	1025.70	40.1	32.18	-1.41	1025.88
25.8	31.70	-0.57	1025.47	33.2	31.96	-1.23	1025.70	40.3	32.18	-1.40	1025.88
26.0	31.74	-0.66	1025.50	33.4	31.95	-1.23	1025.69	40.4	32.16	-1.40	1025.86
26.2	31.84	-0.91	1025.59	33.5	31.97	-1.24	1025.70	40.6	32.19	-1.42	1025.89
26.3	31.91	-1.05	1025.65	33.6	31.95	-1.23	1025.69	40.8	32.19	-1.41	1025.89
26.4	32.01	-1.08	1025.73	33.7	31.95	-1.24	1025.69	40.9	32.19	-1.41	1025.89
27.0	31.74	-1.13	1025.52	33.9	31.96	-1.24	1025.70	41.0	32.18	-1.41	1025.88
27.1	31.75	-1.14	1025.52	34.0	31.96	-1.25	1025.70	41.1	32.19	-1.42	1025.89
27.2	31.77	-1.15	1025.54	34.1	31.98	-1.25	1025.71	41.2	32.17	-1.41	1025.87
27.3	31.71	-1.14	1025.49	34.2	31.98	-1.25	1025.71	41.4	32.19	-1.42	1025.89
27.5	31.72	-1.14	1025.50	34.3	31.97	-1.24	1025.70	41.5	32.19	-1.42	1025.89
27.6	31.73	-1.13	1025.51	34.5	31.98	-1.24	1025.71	41.6	32.17	-1.41	1025.87
27.8	31.72	-1.12	1025.50	34.6	32.00	-1.26	1025.73	41.7	32.19	-1.42	1025.89
27.9	31.72	-1.12	1025.50	34.7	32.00	-1.26	1025.73	41.9	32.19	-1.42	1025.89
28.1	31.71	-1.10	1025.49	34.8	32.00	-1.26	1025.73	42.0	32.19	-1.42	1025.89
28.2	31.71	-1.11	1025.49	35.0	31.99	-1.27	1025.72	42.1	32.19	-1.42	1025.89
28.3	31.71	-1.07	1025.49	35.2	32.02	-1.28	1025.75	42.2	32.20	-1.42	1025.90
28.4	31.75	-1.11	1025.52	35.3	32.00	-1.27	1025.73	42.4	32.19	-1.42	1025.89
28.6	31.72	-1.04	1025.50	35.4	32.01	-1.27	1025.74	42.5	32.19	-1.42	1025.89
28.7	31.75	-1.07	1025.52	35.6	32.01	-1.27	1025.74	42.6	32.19	-1.42	1025.89
28.8	31.73	-1.07	1025.51	35.7	31.99	-1.27	1025.72	42.7	32.19	-1.42	1025.89

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Table A1.68. Station 86068 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
42.9	32.19	-1.42	1025.89	45.8	32.18	-1.42	1025.88	48.8	32.20	-1.42	1025.90
43.0	32.17	-1.41	1025.87	45.9	[illegible]	-1.42	1025.88	48.9	32.20	-1.42	1025.90
43.1	32.19	-1.42	1025.89	46.1	32.18	-1.42	1025.88	49.0	32.20	-1.42	1025.90
43.3	32.19	-1.42	1025.89	46.3	32.17	-1.42	1025.87	49.1	32.20	-1.42	1025.90
43.5	32.20	-1.42	1025.90	46.4	32.20	-1.42	1025.90	49.3	32.19	-1.42	1025.89
43.7	32.19	-1.42	1025.89	46.6	32.19	-1.41	1025.89	49.4	32.20	-1.42	1025.90
43.8	32.19	-1.42	1025.89	46.8	32.19	-1.41	1025.89	49.6	32.20	-1.42	1025.90
44.1	32.19	-1.42	1025.89	46.9	32.19	-1.42	1025.89	49.8	32.19	-1.42	1025.89
44.2	32.19	-1.42	1025.89	47.0	32.20	-1.42	1025.90	49.9	32.20	-1.42	1025.90
44.3	32.19	-1.42	1025.89	47.2	32.19	-1.41	1025.89	50.0	32.20	-1.42	1025.90
44.5	32.18	-1.41	1025.88	47.3	32.20	-1.42	1025.90	50.1	32.20	-1.42	1025.90
44.6	32.17	-1.42	1025.87	47.5	32.20	-1.42	1025.90	50.4	32.18	-1.42	1025.88
44.7	32.18	-1.41	1025.88	47.7	32.20	-1.42	1025.90	50.5	32.19	-1.42	1025.89
44.9	32.18	-1.42	1025.88	47.8	32.20	-1.42	1025.90	50.6	32.19	-1.42	1025.89
45.1	32.18	-1.42	1025.88	47.9	32.20	-1.42	1025.90	50.7	32.20	-1.42	1025.90
45.2	32.18	-1.42	1025.88	48.0	32.19	-1.42	1025.89	50.9	32.18	-1.42	1025.88
45.3	32.18	-1.42	1025.88	48.2	32.20	-1.42	1025.90	51.0	32.19	-1.42	1025.89
45.5	32.18	-1.42	1025.88	48.3	32.20	-1.42	1025.90	51.1	31.99	-1.42	1025.73
45.6	32.18	-1.42	1025.88	48.5	32.20	-1.42	1025.90	51.2	31.70	-1.42	1025.49
45.7	32.18	-1.41	1025.88	48.7	32.20	-1.42	1025.90				

STATION: 86069 DATE: 19 August

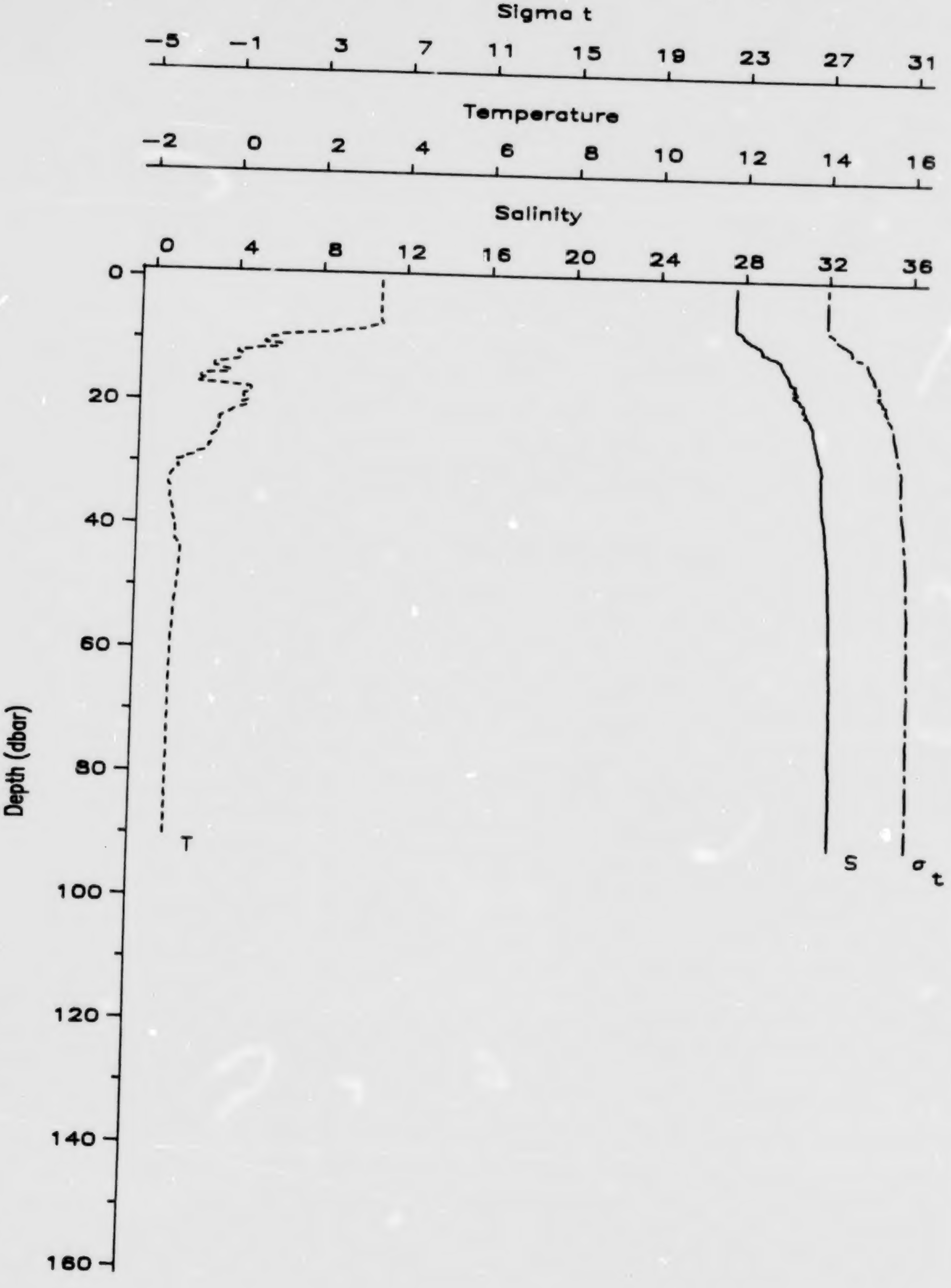

Table A1.69. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86069, August 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	27.57	3.37	1021.93	6.6	27.57	3.39	1021.93	12.3	29.75	0.04	1023.87
0.3	27.58	3.37	1021.94	6.7	27.58	3.40	1021.94	12.4	29.74	0.07	1023.86
0.5	27.58	3.37	1021.94	6.9	27.58	3.41	1021.94	12.5	29.76	0.11	1023.87
0.6	27.57	3.37	1021.93	7.0	27.59	3.43	1021.94	12.8	29.80	0.12	1023.91
0.7	27.56	3.37	1021.92	7.1	27.61	3.42	1021.96	12.9	29.83	0.11	1023.93
0.8	27.58	3.37	1021.94	7.2	27.62	3.40	1021.97	13.0	29.82	0.11	1023.92
0.9	27.58	3.37	1021.94	7.3	27.73	3.30	1022.06	13.1	29.87	0.07	1023.96
1.1	27.57	3.37	1021.93	7.5	27.82	3.20	1022.14	13.3	29.90	0.02	1023.99
1.3	27.57	3.37	1021.93	7.6	27.86	3.16	1022.18	13.4	29.89	-0.01	1023.98
1.4	27.57	3.37	1021.93	7.7	27.91	3.05	1022.23	14.0	30.03	-0.56	1024.11
1.6	27.56	3.37	1021.92	7.8	27.93	3.00	1022.25	14.1	30.07	-0.56	1024.15
1.7	27.57	3.37	1021.93	8.0	27.93	2.98	1022.25	14.2	30.10	-0.57	1024.17
1.8	27.57	3.37	1021.93	8.1	27.95	2.83	1022.27	14.4	30.11	-0.57	1024.18
2.0	27.56	3.37	1021.92	8.2	27.94	2.80	1022.27	14.5	30.12	-0.55	1024.19
2.3	27.57	3.37	1021.93	8.3	28.03	2.55	1022.36	14.6	30.12	-0.48	1024.19
2.4	27.57	3.37	1021.93	8.4	28.06	2.37	1022.39	14.8	30.14	-0.42	1024.20
2.5	27.56	3.37	1021.92	8.6	28.10	2.28	1022.43	14.9	30.14	-0.36	1024.20
2.7	27.57	3.37	1021.93	8.7	28.15	2.11	1022.48	15.0	30.14	-0.29	1024.19
2.8	27.55	3.37	1021.92	8.8	28.21	1.81	1022.55	15.1	30.19	-0.21	1024.23
2.9	27.57	3.37	1021.93	9.0	28.28	1.45	1022.62	15.2	30.21	-0.17	1024.25
3.0	27.56	3.37	1021.92	9.1	28.32	1.25	1022.67	15.4	30.21	-0.16	1024.25
3.2	27.58	3.37	1021.94	9.2	28.45	0.99	1022.78	15.5	30.20	-0.17	1024.24
3.3	27.57	3.37	1021.93	9.3	28.53	0.94	1022.85	15.6	30.27	-0.27	1024.30
3.4	27.56	3.37	1021.92	9.5	28.58	0.92	1022.89	15.7	30.43	-0.68	1024.44
3.5	27.57	3.37	1021.93	9.6	28.65	0.91	1022.95	16.0	30.41	-0.86	1024.43
3.7	27.57	3.37	1021.93	9.7	28.73	0.77	1023.02	16.1	30.41	-0.88	1024.43
3.8	27.57	3.37	1021.93	9.8	28.76	0.73	1023.04	16.2	30.41	-0.88	1024.43
3.9	27.57	3.37	1021.93	9.9	28.78	0.72	1023.06	16.3	30.43	-0.86	1024.45
4.1	27.57	3.37	1021.93	10.1	28.80	0.70	1023.08	16.5	30.43	-0.84	1024.45
4.3	27.57	3.37	1021.93	10.2	28.81	0.67	1023.09	16.6	30.35	-0.75	1024.38
4.4	27.57	3.37	1021.93	10.3	28.84	0.64	1023.11	16.7	30.46	-0.82	1024.47
4.5	27.57	3.37	1021.93	10.4	28.87	0.62	1023.14	17.0	30.54	-0.89	1024.54
4.6	27.57	3.37	1021.93	10.6	28.85	0.72	1023.12	17.1	30.57	-0.92	1024.56
4.8	27.57	3.37	1021.93	10.7	28.81	0.97	1023.07	17.2	30.47	-0.73	1024.48
4.9	27.57	3.37	1021.93	10.8	28.86	1.04	1023.11	17.3	30.36	-0.34	1024.37
5.0	27.57	3.38	1021.93	10.9	29.02	1.02	1023.24	17.4	30.35	-0.26	1024.36
5.2	27.57	3.37	1021.93	11.0	29.10	0.98	1023.30	17.6	30.34	0.04	1024.34
5.4	27.57	3.37	1021.93	11.2	29.15	0.96	1023.35	17.7	30.44	0.28	1024.41
5.5	27.57	3.37	1021.93	11.3	29.22	0.90	1023.40	17.8	30.52	0.33	1024.48
5.6	27.57	3.38	1021.93	11.4	29.37	0.70	1023.53	18.0	30.60	0.33	1024.54
5.8	27.57	3.38	1021.93	11.5	29.52	0.45	1023.67	18.1	30.64	0.32	1024.57
5.9	27.57	3.38	1021.93	11.7	29.56	0.33	1023.70	18.2	30.66	0.32	1024.59
6.1	27.57	3.38	1021.93	11.8	29.62	0.21	1023.76	18.3	30.69	0.32	1024.61
6.2	27.57	3.38	1021.93	11.9	29.69	0.02	1023.82	18.5	30.69	0.31	1024.61
6.4	27.57	3.38	1021.93	12.0	29.72	-0.01	1023.85	18.6	30.65	0.29	1024.58
6.5	27.57	3.38	1021.93	12.2	29.72	0.00	1023.85	18.8	30.84	0.20	1024.74

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Table A1.69. Station 86069 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
18.9	30.87	0.15	1024.77	25.5	31.49	-0.54	1025.29	31.5	31.76	-1.43	1025.54
19.1	30.87	0.15	1024.77	25.6	31.48	-0.55	1025.29	31.6	31.78	-1.47	1025.56
19.2	30.85	0.15	1024.75	25.7	31.48	-0.56	1025.29	31.8	31.78	-1.48	1025.56
19.4	30.86	0.16	1024.76	25.8	31.52	-0.59	1025.32	31.9	31.79	-1.50	1025.57
19.6	30.81	0.25	1024.71	26.0	31.53	-0.60	1025.33	32.0	31.78	-1.51	1025.56
19.7	30.80	0.27	1024.71	26.1	31.52	-0.59	1025.32	32.1	31.78	-1.52	1025.56
19.8	30.80	0.28	1024.70	26.2	31.51	-0.57	1025.31	32.2	31.78	-1.53	1025.56
19.9	30.88	0.27	1024.77	26.4	31.54	-0.58	1025.34	32.4	31.79	-1.54	1025.57
20.0	30.93	0.25	1024.81	26.6	31.56	-0.59	1025.35	32.5	31.78	-1.55	1025.56
20.2	30.97	0.19	1024.85	26.7	31.56	-0.59	1025.35	32.6	31.78	-1.54	1025.56
20.3	30.99	0.12	1024.86	26.8	31.56	-0.60	1025.35	32.7	31.79	-1.54	1025.57
20.4	30.98	0.11	1024.86	27.0	31.57	-0.59	1025.36	32.9	31.77	-1.54	1025.55
20.5	30.98	0.16	1024.86	27.1	31.58	-0.61	1025.37	33.1	31.78	-1.57	1025.56
20.7	30.94	0.20	1024.82	27.2	31.60	-0.64	1025.39	33.2	31.79	-1.58	1025.57
20.8	30.90	0.23	1024.79	27.3	31.61	-0.64	1025.39	33.4	31.80	-1.58	1025.57
20.9	31.02	0.20	1024.89	27.5	31.60	-0.65	1025.39	33.5	31.78	-1.58	1025.56
21.2	31.10	0.05	1024.96	27.6	31.61	-0.66	1025.40	33.6	31.78	-1.58	1025.56
21.3	31.13	-0.02	1024.98	27.7	31.62	-0.68	1025.40	33.7	31.78	-1.57	1025.56
21.4	31.15	-0.06	1025.00	27.8	31.63	-0.68	1025.41	33.9	31.77	-1.55	1025.55
21.5	31.19	-0.09	1025.04	27.9	31.61	-0.67	1025.40	34.0	31.80	-1.52	1025.57
21.7	31.20	-0.12	1025.04	28.1	31.63	-0.70	1025.41	34.1	31.80	-1.51	1025.57
21.9	31.22	-0.17	1025.06	28.2	31.66	-0.73	1025.44	34.3	31.80	-1.51	1025.57
22.0	31.22	-0.20	1025.06	28.4	31.71	-0.84	1025.48	34.5	31.80	-1.51	1025.57
22.1	31.23	-0.22	1025.07	28.6	31.75	-0.95	1025.52	34.6	31.81	-1.52	1025.58
22.3	31.26	-0.28	1025.10	28.7	31.76	-0.98	1025.53	34.7	31.82	-1.53	1025.59
22.4	31.27	-0.32	1025.11	28.8	31.75	-0.96	1025.52	34.8	31.82	-1.53	1025.59
22.5	31.33	-0.35	1025.16	28.9	31.72	-0.97	1025.49	35.0	31.82	-1.53	1025.59
22.6	31.34	-0.39	1025.17	29.0	31.73	-1.01	1025.50	35.1	31.83	-1.53	1025.60
22.8	31.30	-0.42	1025.14	29.2	31.77	-1.13	1025.54	35.2	31.83	-1.53	1025.60
22.9	31.30	-0.41	1025.14	29.3	31.76	-1.14	1025.53	35.3	31.84	-1.53	1025.61
23.1	31.32	-0.40	1025.15	29.4	31.76	-1.14	1025.53	35.4	31.83	-1.53	1025.60
23.4	31.34	-0.42	1025.17	29.5	31.77	-1.19	1025.54	35.6	31.81	-1.51	1025.58
23.5	31.34	-0.44	1025.17	29.7	31.80	-1.28	1025.57	35.7	31.84	-1.54	1025.61
23.6	31.33	-0.43	1025.16	29.8	31.82	-1.36	1025.59	35.8	31.84	-1.54	1025.61
23.7	31.34	-0.41	1025.17	29.9	31.82	-1.39	1025.59	35.9	31.85	-1.54	1025.61
23.9	31.34	-0.39	1025.17	30.0	31.79	-1.42	1025.56	36.1	31.86	-1.53	1025.62
24.1	31.37	-0.40	1025.19	30.2	31.77	-1.41	1025.55	36.2	31.83	-1.51	1025.60
24.2	31.39	-0.42	1025.21	30.3	31.75	-1.37	1025.53	36.3	31.84	-1.51	1025.61
24.4	31.39	-0.42	1025.21	30.4	31.74	-1.34	1025.52	36.5	31.85	-1.50	1025.61
24.5	31.36	-0.41	1025.18	30.5	31.75	-1.35	1025.53	36.7	31.87	-1.48	1025.63
24.6	31.42	-0.47	1025.24	30.7	31.76	-1.37	1025.54	36.8	31.88	-1.48	1025.64
24.7	31.45	-0.51	1025.26	30.8	31.75	-1.36	1025.53	36.9	31.89	-1.48	1025.65
25.0	31.46	-0.51	1025.27	30.9	31.73	-1.33	1025.51	37.1	31.87	-1.47	1025.63
25.1	31.45	-0.51	1025.26	31.0	31.75	-1.33	1025.53	37.2	31.88	-1.47	1025.64
25.2	31.41	-0.46	1025.23	31.1	31.79	-1.43	1025.56	37.3	31.90	-1.46	1025.65
25.3	31.45	-0.49	1025.26	31.4	31.75	-1.43	1025.53	37.4	31.92	-1.45	1025.67

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Table A1.69. Station 86069 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
37.6	31.93	-1.45	1025.68	43.6	32.13	-1.25	1025.83	49.9	32.24	-1.31	1025.93
37.7	31.94	-1.45	1025.69	43.7	32.12	-1.25	1025.83	50.0	32.25	-1.32	1025.93
37.8	31.96	-1.46	1025.70	43.8	32.11	-1.24	1025.82	50.1	32.23	-1.32	1025.92
37.9	31.96	-1.47	1025.70	44.0	32.16	-1.24	1025.86	50.2	32.24	-1.31	1025.93
38.0	31.96	-1.46	1025.70	44.1	32.16	-1.24	1025.86	50.4	32.23	-1.32	1025.92
38.2	31.97	-1.47	1025.71	44.2	32.16	-1.24	1025.86	50.5	32.23	-1.31	1025.92
38.3	31.98	-1.47	1025.72	44.3	32.16	-1.24	1025.86	50.6	32.25	-1.32	1025.93
38.4	31.98	-1.47	1025.72	44.5	32.16	-1.24	1025.86	50.9	32.25	-1.32	1025.93
38.5	31.98	-1.46	1025.72	44.6	32.18	-1.25	1025.88	51.0	32.25	-1.33	1025.93
38.7	31.99	-1.45	1025.73	44.8	32.18	-1.25	1025.88	51.1	32.26	-1.33	1025.94
38.8	31.99	-1.45	1025.73	44.9	32.18	-1.25	1025.88	51.2	32.25	-1.32	1025.93
38.9	31.98	-1.43	1025.72	45.1	32.19	-1.26	1025.88	51.4	32.26	-1.33	1025.94
39.0	32.00	-1.42	1025.73	45.2	32.19	-1.25	1025.88	51.6	32.26	-1.33	1025.94
39.2	32.01	-1.42	1025.74	45.3	32.19	-1.25	1025.88	51.7	32.27	-1.34	1025.95
39.3	32.02	-1.41	1025.75	45.5	32.19	-1.25	1025.88	51.9	32.28	-1.35	1025.96
39.5	32.00	-1.40	1025.73	45.6	32.20	-1.26	1025.89	52.1	32.27	-1.35	1025.95
39.7	32.01	-1.40	1025.74	45.7	32.20	-1.26	1025.89	52.2	32.29	-1.36	1025.97
39.8	32.01	-1.39	1025.74	45.8	32.19	-1.26	1025.88	52.4	32.29	-1.36	1025.97
39.9	32.01	-1.40	1025.74	45.9	32.19	-1.26	1025.88	52.5	32.29	-1.36	1025.97
40.0	32.03	-1.38	1025.76	46.1	32.20	-1.26	1025.89	52.6	32.28	-1.36	1025.96
40.3	32.03	-1.37	1025.76	46.2	32.21	-1.27	1025.90	52.7	32.29	-1.36	1025.97
40.4	32.03	-1.37	1025.76	46.3	32.20	-1.26	1025.89	52.8	32.30	-1.37	1025.98
40.5	32.02	-1.37	1025.75	46.4	32.20	-1.27	1025.89	53.0	32.29	-1.37	1025.97
40.6	32.04	-1.37	1025.76	46.6	32.20	-1.27	1025.89	53.1	32.30	-1.37	1025.98
40.8	32.05	-1.37	1025.77	46.7	32.20	-1.27	1025.89	53.2	32.29	-1.37	1025.97
41.0	32.05	-1.37	1025.77	46.8	32.20	-1.27	1025.89	53.3	32.30	-1.37	1025.98
41.1	32.05	-1.37	1025.77	47.0	32.20	-1.27	1025.89	53.5	32.29	-1.37	1025.97
41.2	32.05	-1.37	1025.77	47.2	32.20	-1.27	1025.89	53.6	32.30	-1.37	1025.98
41.4	32.05	-1.37	1025.77	47.3	32.20	-1.27	1025.89	53.7	32.30	-1.37	1025.98
41.5	32.05	-1.36	1025.77	47.5	32.21	-1.28	1025.90	53.8	32.30	-1.37	1025.98
41.6	32.06	-1.35	1025.78	47.7	32.21	-1.28	1025.90	53.9	32.30	-1.38	1025.98
41.7	32.06	-1.35	1025.78	47.9	32.21	-1.28	1025.90	54.1	32.30	-1.38	1025.98
41.9	32.08	-1.36	1025.80	48.0	32.21	-1.28	1025.90	54.2	32.31	-1.38	1025.98
42.0	32.09	-1.37	1025.81	48.2	32.21	-1.28	1025.90	54.3	32.30	-1.37	1025.98
42.1	32.09	-1.37	1025.81	48.3	32.21	-1.28	1025.90	54.5	32.31	-1.38	1025.98
42.2	32.10	-1.38	1025.81	48.4	32.21	-1.29	1025.90	54.7	32.31	-1.38	1025.98
42.4	32.11	-1.39	1025.82	48.5	32.21	-1.29	1025.90	54.8	32.31	-1.38	1025.98
42.5	32.10	-1.38	1025.81	48.7	32.22	-1.30	1025.91	54.9	32.31	-1.38	1025.98
42.6	32.10	-1.38	1025.81	48.9	32.23	-1.30	1025.92	55.1	32.31	-1.38	1025.98
42.7	32.10	-1.35	1025.81	49.0	32.23	-1.30	1025.92	55.2	32.31	-1.38	1025.98
42.9	32.10	-1.33	1025.81	49.1	32.24	-1.31	1025.93	55.3	32.31	-1.38	1025.98
43.0	32.10	-1.32	1025.81	49.3	32.24	-1.31	1025.93	55.4	32.31	-1.38	1025.98
43.1	32.10	-1.30	1025.81	49.4	32.24	-1.31	1025.93	55.6	32.31	-1.38	1025.98
43.2	32.13	-1.30	1025.84	49.5	32.23	-1.30	1025.92	55.7	32.32	-1.39	1025.99
43.3	32.14	-1.27	1025.84	49.6	32.23	-1.30	1025.92	55.8	32.32	-1.39	1025.99
43.5	32.14	-1.27	1025.84	49.8	32.25	-1.32	1025.93	55.9	32.32	-1.39	1025.99

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Table A1.69. Station 86069 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
56.0	32.32	-1.39	1025.99	62.1	32.38	-1.43	1026.04	68.5	32.42	-1.44	1026.08
56.3	32.32	-1.39	1025.99	62.2	32.38	-1.43	1026.04	68.6	32.43	-1.44	1026.08
56.4	32.32	-1.39	1025.99	62.3	32.38	-1.43	1026.04	68.7	32.43	-1.44	1026.08
56.5	32.32	-1.39	1025.99	62.5	32.38	-1.43	1026.04	68.9	32.43	-1.44	1026.08
56.7	32.32	-1.39	1025.99	62.6	32.38	-1.43	1026.04	69.0	32.43	-1.44	1026.08
56.8	32.32	-1.39	1025.99	62.7	32.38	-1.43	1026.04	69.1	32.43	-1.44	1026.08
56.9	32.33	-1.39	1026.00	62.8	32.39	-1.43	1026.05	69.3	32.44	-1.44	1026.09
57.0	32.32	-1.39	1025.99	62.9	32.40	-1.43	1026.06	69.4	32.44	-1.45	1026.09
57.2	32.32	-1.39	1025.99	63.1	32.40	-1.44	1026.06	69.5	32.44	-1.44	1026.09
57.3	32.33	-1.40	1026.00	63.3	32.40	-1.43	1026.06	69.6	32.44	-1.44	1026.09
57.4	32.32	-1.39	1025.99	63.5	32.40	-1.43	1026.06	69.7	32.43	-1.44	1026.08
57.5	32.32	-1.39	1025.99	63.6	32.40	-1.43	1026.06	69.9	32.43	-1.44	1026.08
57.7	32.32	-1.39	1025.99	63.7	32.41	-1.43	1026.07	70.0	32.43	-1.44	1026.08
57.8	32.35	-1.40	1026.02	63.9	32.42	-1.44	1026.08	70.1	32.44	-1.44	1026.09
57.9	32.35	-1.41	1026.02	64.2	32.41	-1.44	1026.07	70.2	32.44	-1.44	1026.09
58.0	32.36	-1.42	1026.03	64.3	32.41	-1.43	1026.07	70.4	32.44	-1.44	1026.09
58.1	32.35	-1.42	1026.02	64.4	32.41	-1.43	1026.07	70.5	32.44	-1.44	1026.09
58.3	32.35	-1.42	1026.02	64.6	32.40	-1.44	1026.06	70.7	32.44	-1.44	1026.09
58.4	32.36	-1.42	1026.03	64.7	32.42	-1.44	1026.08	70.8	32.44	-1.44	1026.09
58.5	32.35	-1.42	1026.02	64.8	32.42	-1.44	1026.08	71.0	32.44	-1.44	1026.09
58.6	32.36	-1.42	1026.03	64.9	32.42	-1.44	1026.08	71.1	32.43	-1.44	1026.08
58.8	32.36	-1.42	1026.03	65.0	32.42	-1.44	1026.08	71.2	32.45	-1.45	1026.10
58.9	32.35	-1.42	1026.02	65.2	32.42	-1.44	1026.08	71.5	32.45	-1.45	1026.10
59.0	32.35	-1.42	1026.02	65.3	32.42	-1.44	1026.08	71.6	32.44	-1.45	1026.09
59.1	32.36	-1.42	1026.03	65.4	32.42	-1.44	1026.08	71.7	32.44	-1.44	1026.09
59.2	32.37	-1.42	1026.03	65.7	32.42	-1.44	1026.08	71.8	32.44	-1.44	1026.09
59.4	32.36	-1.42	1026.03	65.8	32.41	-1.44	1026.07	71.9	32.45	-1.45	1026.10
59.5	32.36	-1.42	1026.03	65.9	32.43	-1.44	1026.08	72.1	32.45	-1.45	1026.10
59.6	32.36	-1.42	1026.03	66.0	32.42	-1.44	1026.08	72.2	32.45	-1.45	1026.10
59.7	32.36	-1.42	1026.03	66.1	32.42	-1.44	1026.08	72.3	32.45	-1.45	1026.10
59.9	32.36	-1.42	1026.03	66.3	32.42	-1.44	1026.08	72.5	32.44	-1.45	1026.09
60.0	32.36	-1.42	1026.03	66.4	32.42	-1.44	1026.08	72.6	32.45	-1.45	1026.10
60.1	32.36	-1.42	1026.03	66.5	32.41	-1.44	1026.07	72.7	32.45	-1.45	1026.10
60.3	32.36	-1.42	1026.03	66.7	32.43	-1.44	1026.08	72.8	32.45	-1.45	1026.10
60.4	32.37	-1.42	1026.03	66.8	32.42	-1.44	1026.08	72.9	32.45	-1.45	1026.10
60.5	32.35	-1.42	1026.02	67.0	32.43	-1.44	1026.08	73.2	32.44	-1.45	1026.09
60.6	32.37	-1.42	1026.03	67.1	32.43	-1.44	1026.08	73.3	32.44	-1.45	1026.09
60.9	32.37	-1.42	1026.03	67.3	32.42	-1.44	1026.08	73.4	32.44	-1.45	1026.09
61.0	32.37	-1.42	1026.03	67.4	32.42	-1.44	1026.08	73.6	32.44	-1.45	1026.09
61.1	32.37	-1.42	1026.03	67.5	32.42	-1.44	1026.08	73.7	32.44	-1.45	1026.09
61.2	32.36	-1.42	1026.03	67.6	32.42	-1.44	1026.08	73.8	32.44	-1.45	1026.09
61.4	32.37	-1.42	1026.03	67.8	32.42	-1.44	1026.08	73.9	32.44	-1.44	1026.09
61.6	32.35	-1.42	1026.02	67.9	32.42	-1.44	1026.08	74.0	32.44	-1.45	1026.09
61.7	32.38	-1.43	1026.04	68.0	32.43	-1.44	1026.08	74.2	32.44	-1.44	1026.09
61.8	32.39	-1.43	1026.05	68.1	32.42	-1.44	1026.08	74.3	32.45	-1.45	1026.10
62.0	32.38	-1.43	1026.04	68.4	32.42	-1.44	1026.08	74.4	32.45	-1.45	1026.10

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Table A1.69. Station 86069 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
74.5	32.45	-1.45	1026.10	80.1	32.50	-1.46	1026.14	85.5	32.53	-1.46	1026.16
74.8	32.45	-1.45	1026.10	80.2	32.50	-1.46	1026.14	85.8	32.53	-1.47	1026.17
74.9	32.45	-1.45	1026.10	80.3	32.50	-1.46	1026.14	85.9	32.53	-1.46	1026.16
75.0	32.45	-1.45	1026.10	80.5	32.51	-1.47	1026.15	86.0	32.53	-1.46	1026.16
75.1	32.45	-1.45	1026.10	80.6	32.51	-1.47	1026.15	86.1	32.52	-1.46	1026.16
75.3	32.45	-1.45	1026.10	80.7	32.51	-1.46	1026.15	86.2	32.54	-1.46	1026.17
75.4	32.45	-1.45	1026.10	80.8	32.51	-1.46	1026.15	86.4	32.54	-1.46	1026.17
75.5	32.45	-1.45	1026.10	80.9	32.52	-1.47	1026.16	86.5	32.54	-1.46	1026.17
75.7	32.45	-1.45	1026.10	81.1	32.51	-1.46	1026.15	86.6	32.54	-1.47	1026.17
75.8	32.45	-1.44	1026.10	81.2	32.51	-1.46	1026.15	86.7	32.54	-1.47	1026.17
75.9	32.45	-1.45	1026.10	81.3	32.51	-1.46	1026.15	86.9	32.53	-1.47	1026.17
76.0	32.45	-1.45	1026.10	81.5	32.51	-1.46	1026.15	87.0	32.54	-1.46	1026.17
76.1	32.45	-1.44	1026.10	81.7	32.51	-1.46	1026.15	87.1	32.52	-1.47	1026.16
76.3	32.45	-1.45	1026.10	81.9	32.51	-1.46	1026.15	87.3	32.54	-1.46	1026.17
76.4	32.46	-1.45	1026.11	82.1	32.51	-1.46	1026.15	87.4	32.53	-1.46	1026.16
76.5	32.45	-1.45	1026.10	82.2	32.51	-1.46	1026.15	87.5	32.54	-1.46	1026.17
76.8	32.45	-1.45	1026.10	82.3	32.52	-1.47	1026.16	87.6	32.53	-1.46	1026.16
76.9	32.45	-1.45	1026.10	82.4	32.53	-1.47	1026.17	87.7	32.53	-1.46	1026.16
77.0	32.45	-1.45	1026.10	82.6	32.52	-1.47	1026.16	87.9	32.53	-1.46	1026.16
77.2	32.46	-1.45	1026.11	82.7	32.51	-1.46	1026.15	88.0	32.54	-1.47	1026.17
77.4	32.47	-1.45	1026.12	82.8	32.52	-1.46	1026.16	88.1	32.53	-1.46	1026.16
77.6	32.47	-1.45	1026.12	82.9	32.52	-1.46	1026.16	88.2	32.53	-1.46	1026.16
77.7	32.47	-1.45	1026.12	83.0	32.52	-1.46	1026.16	88.4	32.53	-1.46	1026.16
77.9	32.47	-1.45	1026.12	83.2	32.53	-1.47	1026.17	88.5	32.54	-1.47	1026.17
78.0	32.49	-1.46	1026.13	83.3	32.52	-1.46	1026.16	88.6	32.53	-1.46	1026.16
78.1	32.48	-1.46	1026.12	83.4	32.52	-1.46	1026.16	88.7	32.53	-1.46	1026.16
78.4	32.49	-1.46	1026.13	83.7	32.52	-1.46	1026.16	88.8	32.54	-1.47	1026.17
78.5	32.49	-1.46	1026.13	83.8	32.52	-1.46	1026.16	89.0	32.54	-1.47	1026.17
78.6	32.48	-1.46	1026.12	83.9	32.52	-1.46	1026.16	89.1	32.53	-1.46	1026.16
78.7	32.49	-1.46	1026.13	84.0	32.52	-1.46	1026.16	89.2	32.53	-1.46	1026.16
78.9	32.50	-1.46	1026.14	84.1	32.52	-1.46	1026.16	89.3	32.53	-1.47	1026.17
79.0	32.50	-1.46	1026.14	84.3	32.52	-1.46	1026.16	89.5	32.53	-1.46	1026.16
79.1	32.49	-1.46	1026.13	84.4	32.52	-1.46	1026.16	89.6	32.53	-1.47	1026.17
79.2	32.50	-1.46	1026.14	84.7	32.52	-1.46	1026.16	89.7	32.54	-1.47	1026.17
79.4	32.50	-1.46	1026.14	84.8	32.52	-1.46	1026.16	89.8	32.53	-1.47	1026.17
79.5	32.50	-1.46	1026.14	84.9	32.52	-1.46	1026.16	89.9	32.55	-1.47	1026.18
79.6	32.50	-1.46	1026.14	85.0	32.53	-1.47	1026.17	90.1	32.54	-1.47	1026.17
79.7	32.50	-1.46	1026.14	85.1	32.52	-1.46	1026.16	90.2	32.54	-1.46	1026.17
79.8	32.50	-1.46	1026.14	85.3	32.52	-1.46	1026.16	90.3	32.54	-1.46	1026.17
80.0	32.50	-1.46	1026.14	85.4	32.52	-1.46	1026.16	90.5	32.54	-1.46	1026.17

STATION: 86070 DATE: 19 August

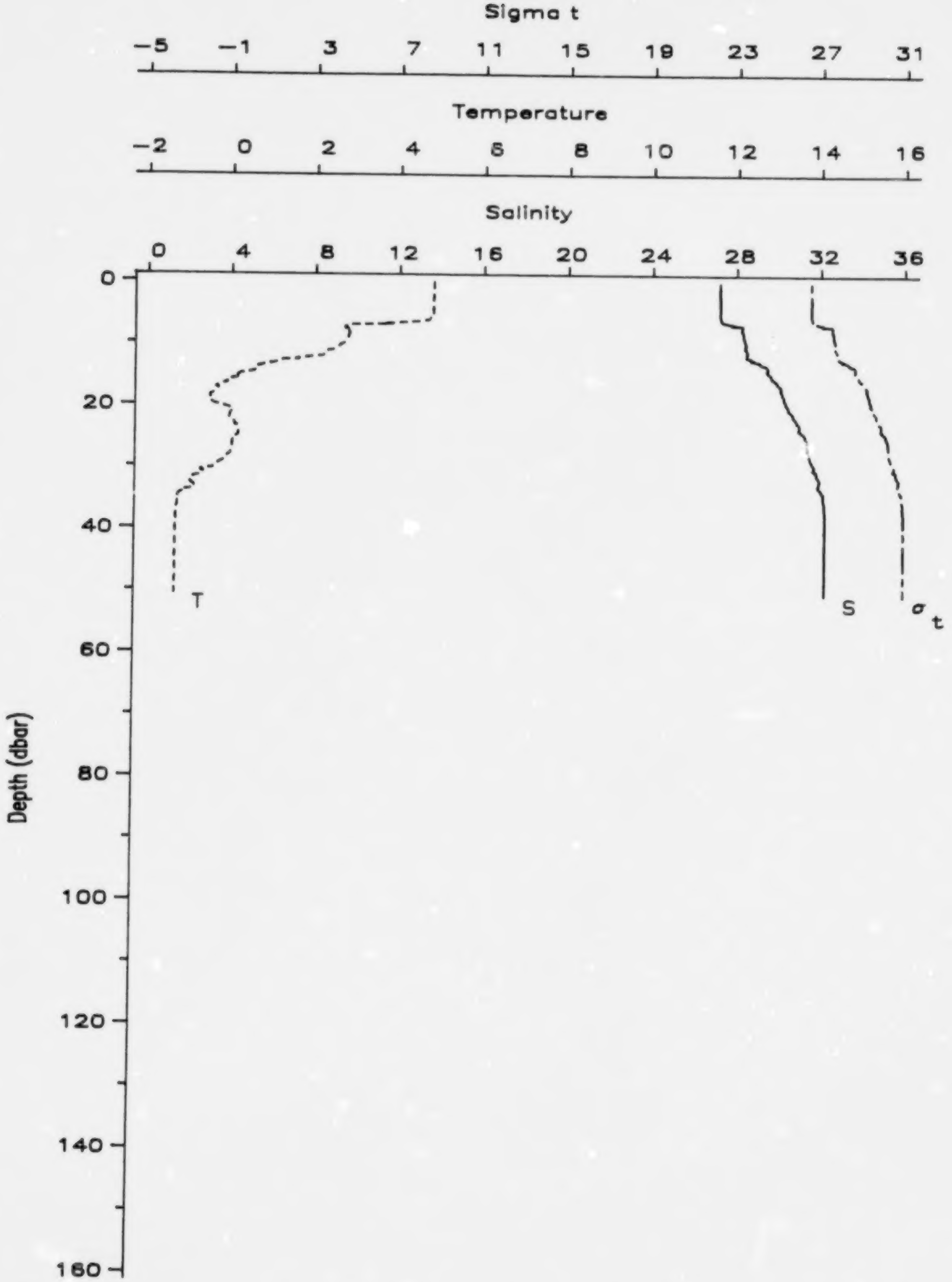

Table A1.70. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86070, August 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	27.18	4.77	1021.50	6.6	27.47	4.37	1021.77	13.2	29.11	1.06	1023.31
0.2	27.18	4.77	1021.50	6.8	27.75	3.98	1022.03	13.4	29.23	0.91	1023.41
0.5	27.18	4.77	1021.50	6.9	27.93	3.59	1022.20	13.5	29.36	0.77	1023.52
0.6	27.18	4.77	1021.50	7.0	27.74	3.79	1022.03	13.7	29.43	0.70	1023.58
0.7	27.18	4.77	1021.50	7.1	28.27	2.84	1022.53	13.8	29.47	0.62	1023.62
0.8	27.18	4.77	1021.50	7.4	28.22	2.67	1022.50	14.0	29.45	0.54	1023.61
1.0	27.18	4.77	1021.50	7.6	28.25	2.66	1022.53	14.1	29.43	0.52	1023.59
1.1	27.18	4.77	1021.50	7.7	28.21	2.72	1022.49	14.3	29.41	0.54	1023.57
1.2	27.18	4.77	1021.50	7.9	28.23	2.79	1022.50	14.4	29.41	0.55	1023.57
1.3	27.17	4.77	1021.50	8.0	28.28	2.74	1022.54	14.5	29.45	0.54	1023.61
1.5	27.18	4.77	1021.50	8.1	28.26	2.74	1022.53	14.7	29.48	0.51	1023.63
1.6	27.18	4.77	1021.50	8.2	28.25	2.78	1022.52	14.9	29.60	0.32	1023.74
1.7	27.18	4.77	1021.50	8.3	28.30	2.80	1022.56	15.0	29.61	0.20	1023.75
1.8	27.18	4.77	1021.50	8.5	28.31	2.78	1022.56	15.3	29.65	0.13	1023.78
1.9	27.18	4.77	1021.50	8.7	28.31	2.77	1022.57	15.4	29.65	0.13	1023.78
2.1	27.18	4.77	1021.50	8.9	28.30	2.77	1022.56	15.5	29.65	0.20	1023.78
2.2	27.17	4.77	1021.50	9.0	28.33	2.75	1022.58	15.6	29.67	0.19	1023.80
2.3	27.18	4.77	1021.50	9.1	28.31	2.76	1022.57	15.8	29.77	0.07	1023.88
2.6	27.18	4.77	1021.50	9.2	28.34	2.73	1022.59	15.9	29.80	0.01	1023.91
2.7	27.17	4.77	1021.50	9.4	28.36	2.72	1022.61	16.0	29.88	-0.12	1023.98
2.8	27.19	4.76	1021.51	9.5	28.37	2.72	1022.62	16.2	29.91	-0.14	1024.00
2.9	27.18	4.76	1021.50	9.6	28.37	2.71	1022.62	16.4	29.88	-0.11	1023.98
3.1	27.19	4.76	1021.51	9.7	28.39	2.69	1022.63	16.5	29.89	-0.10	1023.99
3.2	27.18	4.77	1021.50	10.0	28.42	2.66	1022.66	16.6	29.96	-0.17	1024.05
3.3	27.18	4.77	1021.50	10.2	28.45	2.61	1022.69	16.7	30.02	-0.23	1024.10
3.4	27.19	4.76	1021.51	10.3	28.39	2.57	1022.64	16.9	30.05	-0.24	1024.12
3.6	27.19	4.76	1021.51	10.5	28.38	2.55	1022.64	17.0	30.11	-0.33	1024.17
3.8	27.17	4.76	1021.50	10.6	28.36	2.52	1022.62	17.2	30.14	-0.40	1024.20
3.9	27.18	4.77	1021.50	10.7	28.34	2.50	1022.61	17.3	30.07	-0.34	1024.14
4.0	27.18	4.77	1021.50	10.8	28.39	2.47	1022.65	17.5	30.07	-0.34	1024.14
4.2	27.19	4.76	1021.51	10.9	28.44	2.42	1022.69	17.6	30.09	-0.36	1024.16
4.3	27.19	4.76	1021.51	11.2	28.47	2.38	1022.72	17.9	30.16	-0.44	1024.22
4.4	27.19	4.76	1021.51	11.3	28.50	2.27	1022.75	18.0	30.18	-0.44	1024.23
4.5	27.18	4.77	1021.50	11.4	28.46	2.26	1022.72	18.1	30.16	-0.44	1024.22
4.7	27.17	4.76	1021.50	11.6	28.46	2.24	1022.72	18.2	30.16	-0.45	1024.22
4.9	27.19	4.76	1021.51	11.7	28.44	2.22	1022.71	18.5	30.23	-0.53	1024.28
5.1	27.18	4.76	1021.50	11.8	28.45	2.19	1022.72	18.6	30.25	-0.54	1024.29
5.3	27.18	4.77	1021.50	12.1	28.45	2.15	1022.72	18.7	30.23	-0.54	1024.28
5.4	27.18	4.77	1021.50	12.2	28.47	2.08	1022.74	18.8	30.23	-0.52	1024.28
5.5	27.17	4.76	1021.50	12.3	28.63	1.85	1022.88	19.0	30.25	-0.51	1024.29
5.7	27.20	4.73	1021.52	12.4	28.66	1.77	1022.91	19.1	30.25	-0.49	1024.29
5.9	27.21	4.71	1021.53	12.6	28.78	1.54	1023.02	19.2	30.30	-0.51	1024.33
6.0	27.23	4.69	1021.55	12.7	28.68	1.57	1022.94	19.3	30.31	-0.50	1024.34
6.3	27.25	4.67	1021.57	12.8	28.90	1.30	1023.13	19.6	30.33	-0.49	1024.36
6.4	27.29	4.59	1021.61	12.9	29.03	1.15	1023.24	19.7	30.32	-0.46	1024.35
6.5	27.33	4.53	1021.64	13.0	29.07	1.10	1023.27	19.8	30.31	-0.44	1024.34

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Table A1.70. Station 86070 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
19.9	30.38	-0.41	1024.39	27.0	31.40	-0.01	1025.20	34.2	32.13	-1.17	1025.83
20.2	30.45	-0.29	1024.45	27.1	31.41	-0.02	1025.21	34.5	32.14	-1.26	1025.84
20.3	30.44	-0.17	1024.43	27.4	31.41	-0.02	1025.21	34.6	32.12	-1.27	1025.83
20.6	30.43	-0.06	1024.42	27.5	31.43	-0.04	1025.23	34.7	32.12	-1.28	1025.83
20.7	30.44	-0.06	1024.43	27.7	31.41	-0.04	1025.21	34.9	32.14	-1.29	1025.84
20.8	30.50	-0.04	1024.48	27.8	31.42	-0.03	1025.22	35.0	32.14	-1.29	1025.84
21.1	30.60	0.01	1024.56	28.0	31.43	-0.04	1025.23	35.1	32.13	-1.28	1025.84
21.4	30.68	-0.04	1024.62	28.2	31.45	-0.08	1025.24	35.2	32.12	-1.26	1025.83
21.7	30.68	-0.06	1024.62	28.3	31.48	-0.11	1025.27	35.5	32.17	-1.29	1025.87
21.8	30.68	-0.06	1024.62	28.5	31.49	-0.13	1025.28	35.6	32.18	-1.30	1025.88
21.9	30.70	-0.07	1024.64	28.8	31.52	-0.15	1025.30	35.8	32.20	-1.30	1025.89
22.0	30.75	-0.07	1024.68	28.9	31.54	-0.18	1025.32	36.1	32.18	-1.30	1025.88
22.2	30.78	-0.07	1024.70	29.1	31.58	-0.21	1025.35	36.2	32.19	-1.30	1025.88
22.4	30.85	0.01	1024.76	29.2	31.59	-0.24	1025.36	36.4	32.19	-1.30	1025.88
22.5	30.87	0.05	1024.77	29.4	31.62	-0.29	1025.39	36.5	32.20	-1.31	1025.89
22.7	30.85	0.06	1024.75	29.6	31.65	-0.34	1025.42	36.7	32.21	-1.32	1025.90
22.8	30.93	0.05	1024.82	29.7	31.70	-0.40	1025.46	36.8	32.21	-1.32	1025.90
22.9	30.96	0.05	1024.84	29.9	31.71	-0.43	1025.47	37.0	32.21	-1.32	1025.90
23.0	30.98	0.06	1024.86	30.1	31.70	-0.46	1025.46	37.1	32.22	-1.33	1025.91
23.3	30.99	0.08	1024.87	30.2	31.67	-0.47	1025.44	37.2	32.22	-1.33	1025.91
23.4	31.00	0.08	1024.87	30.3	31.63	-0.44	1025.40	37.3	32.21	-1.32	1025.90
23.5	30.97	0.15	1024.85	30.4	31.64	-0.50	1025.41	37.5	32.22	-1.32	1025.91
23.6	30.97	0.17	1024.85	30.6	31.80	-0.74	1025.55	37.6	32.23	-1.33	1025.92
23.8	30.95	0.17	1024.83	30.7	31.77	-0.76	1025.53	37.7	32.24	-1.33	1025.93
23.9	30.95	0.16	1024.83	30.9	31.80	-0.68	1025.55	37.8	32.22	-1.33	1025.91
24.0	30.96	0.15	1024.84	31.2	31.82	-0.70	1025.57	37.9	32.24	-1.33	1025.93
24.1	31.03	0.15	1024.90	31.3	31.82	-0.71	1025.57	38.2	32.22	-1.34	1025.91
24.3	31.08	0.16	1024.94	31.5	31.87	-0.75	1025.61	38.3	32.21	-1.33	1025.90
24.4	31.16	0.17	1025.00	31.8	31.92	-0.93	1025.66	38.4	32.22	-1.33	1025.91
24.5	31.22	0.16	1025.05	31.9	31.97	-1.00	1025.70	38.7	32.21	-1.33	1025.90
24.6	31.23	0.16	1025.06	32.1	31.95	-1.02	1025.68	38.8	32.23	-1.34	1025.92
24.9	31.25	0.15	1025.07	32.3	31.92	-1.02	1025.66	39.1	32.23	-1.34	1025.92
25.0	31.26	0.14	1025.08	32.5	31.94	-1.01	1025.67	39.2	32.24	-1.33	1025.93
25.1	31.28	0.12	1025.10	32.6	31.91	-0.97	1025.65	39.3	32.21	-1.33	1025.90
25.2	31.28	0.09	1025.10	32.8	31.89	-0.96	1025.63	39.4	32.22	-1.33	1025.91
25.4	31.31	0.09	1025.12	32.9	31.86	-0.93	1025.61	39.6	32.23	-1.34	1025.92
25.5	31.36	0.05	1025.17	33.0	31.85	-0.90	1025.60	39.8	32.21	-1.34	1025.90
25.6	31.35	0.05	1025.16	33.1	31.87	-0.89	1025.61	39.9	32.24	-1.34	1025.93
25.7	31.38	0.02	1025.18	33.3	31.91	-0.88	1025.65	40.0	32.24	-1.34	1025.93
25.9	31.38	0.01	1025.18	33.4	31.95	-0.88	1025.68	40.2	32.24	-1.34	1025.93
26.0	31.38	0.00	1025.18	33.5	32.00	-0.91	1025.72	40.3	32.22	-1.33	1025.91
26.1	31.37	0.00	1025.18	33.6	32.03	-0.95	1025.74	40.4	32.22	-1.33	1025.91
26.2	31.38	0.00	1025.18	33.8	32.03	-1.00	1025.75	40.5	32.22	-1.33	1025.91
26.3	31.38	0.00	1025.18	33.9	32.07	-1.14	1025.78	40.7	32.24	-1.34	1025.93
26.5	31.38	0.00	1025.18	34.0	32.04	-1.10	1025.76	40.9	32.24	-1.34	1025.93
26.6	31.39	0.00	1025.19	34.1	32.14	-1.16	1025.84	41.0	32.24	-1.34	1025.93

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Table A1.70. Station 86070 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
41.1	32.23	-1.34	1025.92	44.6	32.24	-1.34	1025.93	47.8	32.23	-1.34	1025.92
41.3	32.23	-1.34	1025.92	44.7	32.24	-1.34	1025.93	47.9	32.24	-1.34	1025.93
41.5	32.23	-1.34	1025.92	44.8	32.24	-1.34	1025.93	48.1	32.24	-1.34	1025.93
41.6	32.23	-1.34	1025.92	45.0	32.24	-1.34	1025.93	48.3	32.23	-1.35	1025.92
41.9	32.24	-1.34	1025.93	45.1	32.24	-1.34	1025.93	48.4	32.23	-1.34	1025.92
42.1	32.23	-1.34	1025.92	45.4	32.24	-1.34	1025.93	48.6	32.23	-1.34	1025.92
42.4	32.24	-1.34	1025.93	45.5	32.24	-1.34	1025.93	48.7	32.24	-1.34	1025.93
42.5	32.23	-1.33	1025.92	45.6	32.24	-1.35	1025.93	48.9	32.23	-1.34	1025.92
42.6	32.22	-1.33	1025.91	45.7	32.24	-1.34	1025.93	49.0	32.24	-1.34	1025.93
42.8	32.24	-1.34	1025.93	45.8	32.23	-1.34	1025.92	49.2	32.23	-1.34	1025.92
42.9	32.24	-1.34	1025.93	46.1	32.24	-1.34	1025.93	49.3	32.24	-1.34	1025.93
43.1	32.24	-1.34	1025.93	46.2	32.24	-1.34	1025.93	49.4	32.24	-1.34	1025.93
43.2	32.22	-1.34	1025.91	46.3	32.24	-1.34	1025.93	49.7	32.23	-1.35	1025.92
43.4	32.24	-1.34	1025.93	46.5	32.22	-1.34	1025.91	49.9	32.23	-1.35	1025.92
43.5	32.24	-1.34	1025.93	46.6	32.24	-1.34	1025.93	50.1	32.23	-1.34	1025.92
43.6	32.24	-1.34	1025.93	46.7	32.24	-1.34	1025.93	50.3	32.23	-1.34	1025.92
43.7	32.22	-1.34	1025.91	46.8	32.23	-1.34	1025.92	50.4	32.23	-1.34	1025.92
44.0	32.24	-1.34	1025.93	47.1	32.24	-1.34	1025.93	50.5	32.23	-1.34	1025.92
44.2	32.24	-1.34	1025.93	47.3	32.24	-1.34	1025.93	50.6	32.24	-1.35	1025.93
44.4	32.24	-1.34	1025.93	47.4	32.24	-1.34	1025.93				
44.5	32.24	-1.35	1025.93	47.7	32.24	-1.34	1025.93				

STATION: 86071 DATE: 20 August

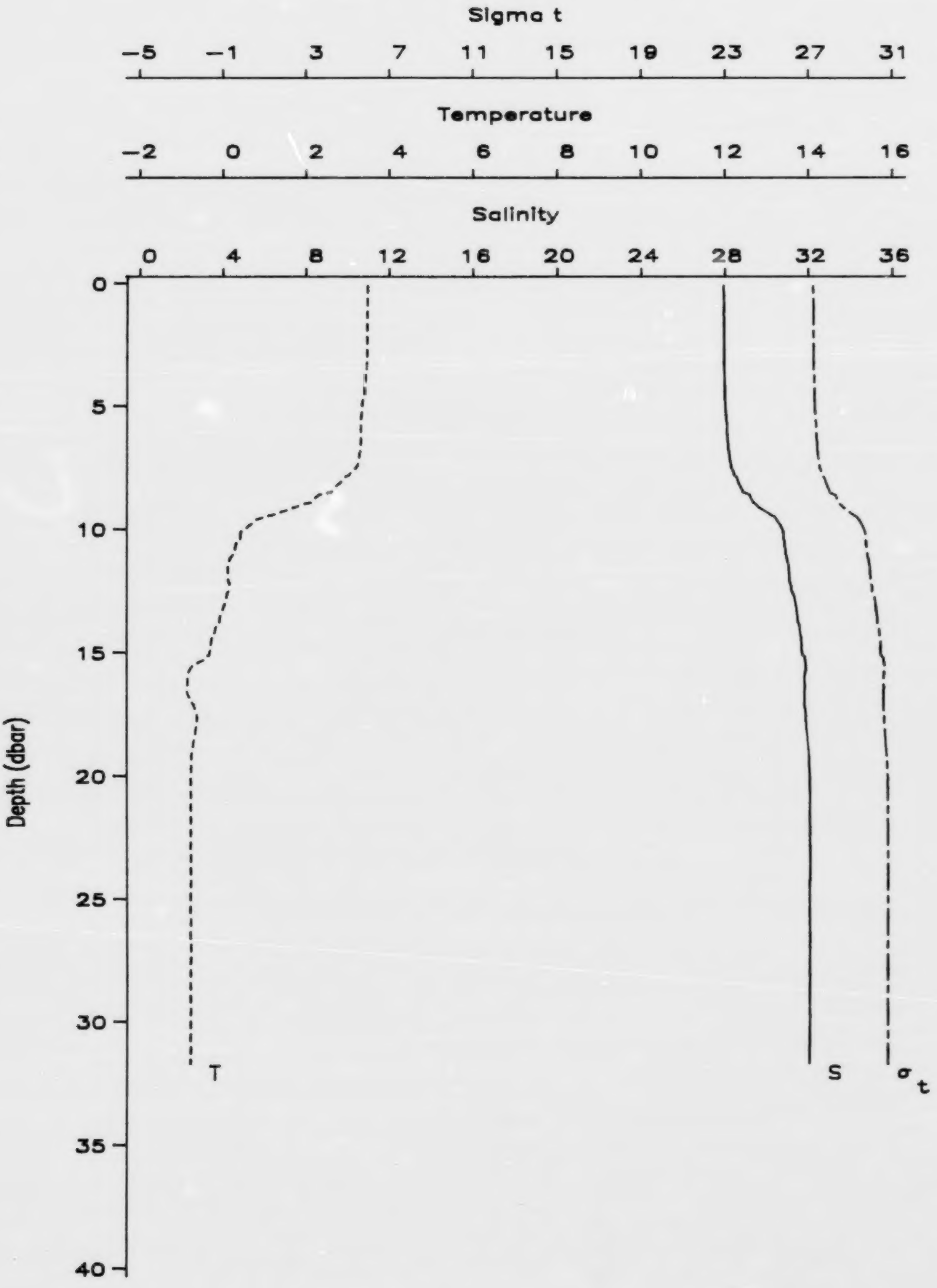

Table A1.71. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86071, August 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	27.94	3.46	1022.22	6.9	28.18	3.27	1022.43	14.8	31.62	-0.30	1025.39
0.3	27.95	3.46	1022.23	7.2	28.22	3.24	1022.46	14.9	31.62	-0.32	1025.39
0.4	27.96	3.46	1022.24	7.4	28.27	3.22	1022.50	15.1	31.66	-0.35	1025.42
0.5	27.96	3.45	1022.24	7.5	28.28	3.18	1022.51	15.2	31.79	-0.47	1025.53
0.6	27.95	3.46	1022.23	7.6	28.35	3.11	1022.57	15.3	31.79	-0.48	1025.53
0.8	27.95	3.46	1022.23	7.8	28.42	3.01	1022.64	15.4	31.81	-0.60	1025.56
0.9	27.96	3.45	1022.24	7.9	28.54	2.90	1022.74	15.5	31.83	-0.73	1025.58
1.0	27.96	3.45	1022.24	8.1	28.62	2.81	1022.81	15.7	31.84	-0.81	1025.59
1.1	27.95	3.46	1022.23	8.3	28.73	2.69	1022.91	15.8	31.79	-0.84	1025.55
1.2	27.94	3.45	1022.22	8.5	28.84	2.59	1023.00	16.0	31.75	-0.86	1025.52
1.4	27.96	3.45	1022.24	8.6	29.13	2.29	1023.25	16.2	31.75	-0.86	1025.52
1.6	27.96	3.45	1022.24	8.9	29.31	2.10	1023.41	16.3	31.77	-0.86	1025.53
1.7	27.95	3.45	1022.23	9.0	29.45	1.89	1023.53	16.4	31.79	-0.87	1025.55
2.0	27.95	3.46	1022.23	9.1	29.56	1.73	1023.63	16.5	31.76	-0.87	1025.52
2.1	27.95	3.46	1022.23	9.4	30.11	1.20	1024.10	16.6	31.76	-0.87	1025.52
2.2	27.97	3.45	1022.24	9.5	30.34	0.96	1024.30	16.9	31.75	-0.79	1025.51
2.5	27.95	3.45	1022.23	9.6	30.43	0.80	1024.38	17.1	31.76	-0.70	1025.52
2.6	27.96	3.45	1022.24	9.9	30.65	0.58	1024.57	17.5	31.83	-0.63	1025.57
2.7	27.96	3.45	1022.24	10.1	30.77	0.42	1024.67	17.6	31.83	-0.62	1025.57
3.0	27.96	3.45	1022.24	10.2	30.77	0.40	1024.68	17.7	31.81	-0.63	1025.56
3.1	27.96	3.45	1022.24	10.4	30.77	0.39	1024.68	17.9	31.85	-0.64	1025.59
3.2	27.96	3.45	1022.24	10.5	30.82	0.32	1024.72	19.2	32.00	-0.77	1025.71
3.3	27.95	3.44	1022.23	10.6	30.83	0.29	1024.73	19.4	31.99	-0.77	1025.71
3.5	27.95	3.45	1022.23	10.7	30.84	0.28	1024.74	19.6	32.01	-0.77	1025.72
3.6	27.97	3.43	1022.25	10.9	30.87	0.26	1024.76	19.7	32.02	-0.77	1025.73
3.8	27.98	3.41	1022.26	11.0	30.88	0.23	1024.77	19.9	32.03	-0.78	1025.74
4.1	27.98	3.40	1022.26	11.2	30.93	0.15	1024.82	20.1	32.05	-0.78	1025.76
4.2	27.99	3.39	1022.26	11.3	30.96	0.13	1024.84	20.2	32.02	-0.78	1025.73
4.3	27.99	3.39	1022.26	11.6	31.03	0.09	1024.90	20.3	32.03	-0.77	1025.74
4.4	27.99	3.39	1022.26	11.7	31.03	0.11	1024.90	20.5	32.04	-0.78	1025.75
4.6	27.99	3.38	1022.27	12.0	31.07	0.11	1024.93	20.7	32.04	-0.77	1025.75
4.7	28.00	3.35	1022.28	12.1	31.07	0.12	1024.93	21.0	32.04	-0.78	1025.75
4.9	28.02	3.33	1022.29	12.2	31.08	0.16	1024.94	21.1	32.03	-0.78	1025.74
5.1	28.03	3.33	1022.30	12.3	31.14	0.12	1024.99	21.3	32.04	-0.78	1025.75
5.2	28.03	3.33	1022.30	12.5	31.15	0.12	1024.99	21.5	32.04	-0.77	1025.75
5.3	28.04	3.32	1022.31	12.6	31.21	0.08	1025.04	21.7	32.05	-0.78	1025.76
5.4	28.04	3.31	1022.31	12.7	31.27	0.08	1025.09	21.8	32.03	-0.77	1025.74
5.5	28.04	3.30	1022.31	13.1	31.36	0.01	1025.17	22.0	32.05	-0.78	1025.76
5.7	28.08	3.30	1022.34	13.3	31.39	-0.04	1025.19	22.1	32.05	-0.78	1025.76
5.9	28.07	3.30	1022.34	13.6	31.44	-0.10	1025.24	22.3	32.05	-0.78	1025.76
6.1	28.09	3.30	1022.35	13.7	31.44	-0.09	1025.24	22.4	32.05	-0.78	1025.76
6.2	28.10	3.31	1022.36	13.8	31.47	-0.11	1025.26	22.6	32.03	-0.78	1025.74
6.3	28.11	3.30	1022.37	13.9	31.54	-0.17	1025.32	22.8	32.05	-0.78	1025.76
6.4	28.11	3.30	1022.37	14.3	31.59	-0.23	1025.36	22.9	32.06	-0.79	1025.76
6.5	28.14	3.30	1022.39	14.4	31.61	-0.28	1025.38	23.1	32.05	-0.78	1025.76
6.8	28.16	3.29	1022.41	14.7	31.64	-0.31	1025.41	23.3	32.05	-0.78	1025.76

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Table A1.71. Station 86071 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
23.5	32.05	-0.78	1025.76	26.7	32.05	-0.78	1025.76	30.0	32.06	-0.79	1025.76
23.7	32.06	-0.79	1025.76	26.9	32.04	-0.78	1025.75	30.1	32.06	-0.79	1025.76
23.8	32.05	-0.78	1025.76	27.0	32.05	-0.78	1025.76	30.2	32.06	-0.79	1025.76
23.9	32.04	-0.77	1025.75	27.3	32.05	-0.78	1025.76	30.3	32.06	-0.79	1025.76
24.0	32.05	-0.78	1025.76	27.4	32.05	-0.78	1025.76	30.5	32.05	-0.78	1025.76
24.2	32.04	-0.78	1025.75	27.6	32.05	-0.79	1025.76	30.6	32.06	-0.79	1025.76
24.3	32.04	-0.77	1025.75	27.8	32.06	-0.79	1025.76	30.7	32.06	-0.79	1025.76
24.4	32.05	-0.78	1025.76	28.0	32.04	-0.79	1025.75	30.8	32.06	-0.79	1025.76
24.8	32.05	-0.79	1025.76	28.1	32.06	-0.79	1025.76	31.0	32.05	-0.78	1025.76
25.0	32.05	-0.79	1025.76	28.4	32.06	-0.79	1025.76	31.1	32.05	-0.78	1025.76
25.4	32.05	-0.79	1025.76	28.6	32.05	-0.78	1025.76	31.2	32.05	-0.79	1025.76
25.5	32.05	-0.79	1025.76	28.7	32.05	-0.78	1025.76	31.3	32.05	-0.79	1025.76
25.6	32.04	-0.78	1025.75	28.9	32.04	-0.79	1025.75	31.4	32.05	-0.78	1025.76
25.8	32.06	-0.78	1025.76	29.0	32.06	-0.79	1025.76	31.6	32.05	-0.79	1025.76
26.0	32.05	-0.78	1025.76	29.2	32.04	-0.79	1025.75	31.7	32.05	-0.79	1025.76
26.4	32.06	-0.79	1025.76	29.5	32.05	-0.78	1025.76				
26.6	32.05	-0.79	1025.76	29.7	32.06	-0.79	1025.76				

STATION: 86072 DATE: 21 August

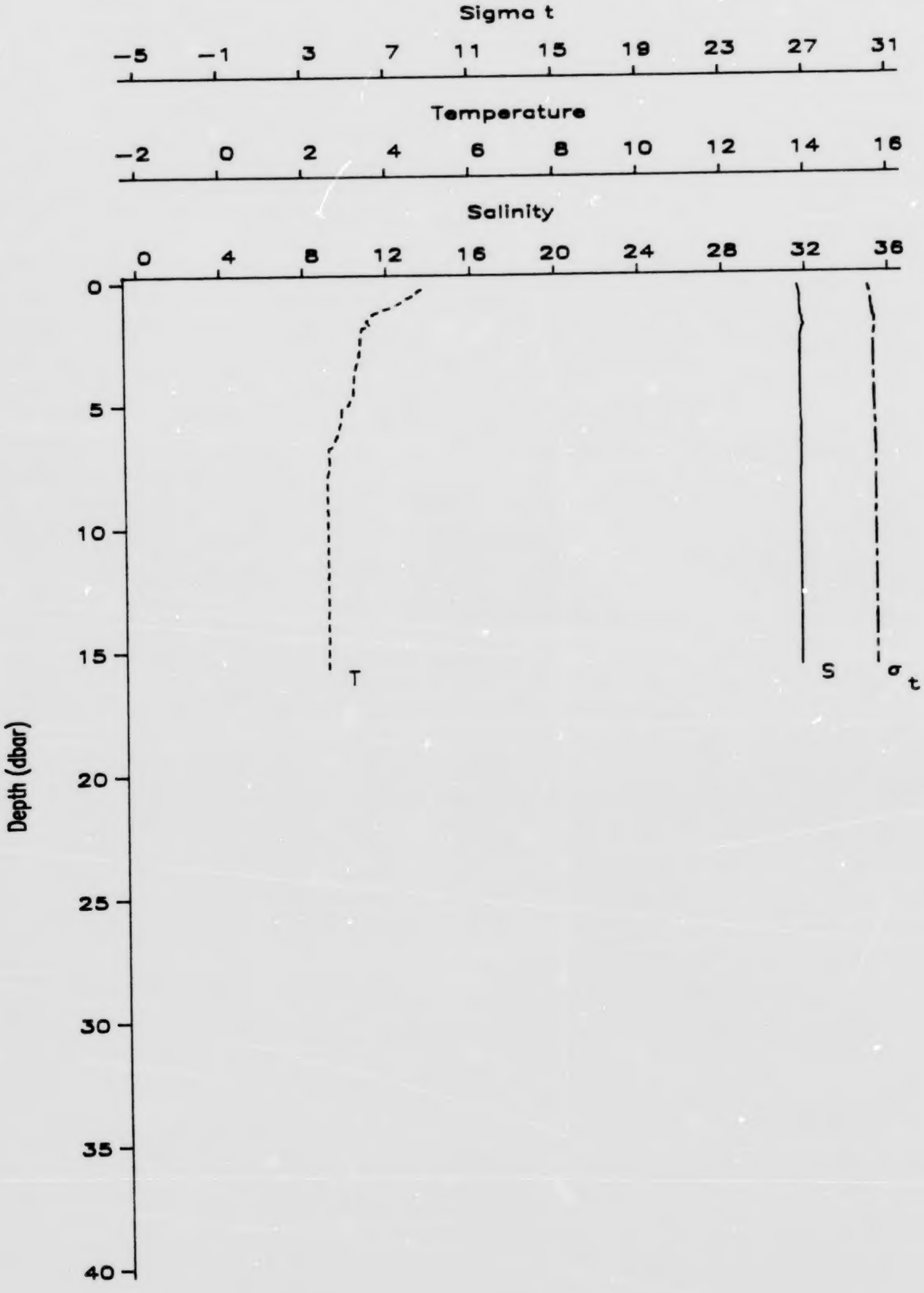

Table A1.72. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86072, August 21, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	31.63	4.83	1025.02	5.6	31.71	2.88	1025.27	10.9	31.66	2.54	1025.26
0.4	31.66	4.73	1025.06	5.7	31.70	2.87	1025.26	11.0	31.65	2.55	1025.25
0.5	31.68	4.70	1025.08	5.8	31.72	2.87	1025.28	11.1	31.66	2.54	1025.26
0.7	31.74	4.48	1025.15	5.9	31.75	2.84	1025.30	11.3	31.66	2.54	1025.26
1.0	31.71	4.18	1025.15	6.1	31.73	2.83	1025.29	11.4	31.66	2.54	1025.26
1.2	31.72	3.84	1025.19	6.3	31.72	2.78	1025.29	11.6	31.65	2.55	1025.25
1.3	31.75	3.69	1025.23	6.5	31.71	2.72	1025.28	11.7	31.64	2.56	1025.24
1.4	31.75	3.61	1025.24	6.7	31.68	2.67	1025.26	12.0	31.64	2.54	1025.24
1.5	31.76	3.56	1025.25	6.8	31.73	2.58	1025.31	12.1	31.65	2.54	1025.25
1.6	31.84	3.51	1025.32	7.1	31.69	2.58	1025.28	12.4	31.64	2.54	1025.24
1.8	31.82	3.59	1025.30	7.2	31.70	2.60	1025.28	12.7	31.65	2.54	1025.25
1.9	31.91	3.40	1025.38	7.3	31.70	2.60	1025.28	12.9	31.65	2.54	1025.25
2.0	31.82	3.38	1025.31	7.4	31.70	2.60	1025.28	13.0	31.64	2.55	1025.24
2.3	31.72	3.36	1025.24	7.6	31.70	2.59	1025.28	13.2	31.65	2.54	1025.25
2.4	31.70	3.35	1025.22	7.8	31.66	2.56	1025.26	13.4	31.65	2.54	1025.25
2.5	31.70	3.35	1025.22	7.9	31.66	2.54	1025.26	13.6	31.66	2.53	1025.26
2.7	31.70	3.34	1025.22	8.2	31.66	2.54	1025.26	13.7	31.65	2.54	1025.25
2.9	31.71	3.33	1025.23	8.4	31.66	2.55	1025.26	13.8	31.65	2.54	1025.25
3.0	31.71	3.33	1025.23	8.5	31.66	2.54	1025.26	14.0	31.65	2.54	1025.25
3.1	31.70	3.31	1025.23	8.8	31.65	2.54	1025.25	14.1	31.65	2.54	1025.25
3.4	31.69	3.26	1025.22	9.0	31.66	2.54	1025.26	14.3	31.65	2.54	1025.25
3.6	31.69	3.22	1025.23	9.3	31.66	2.54	1025.26	14.5	31.65	2.55	1025.25
3.7	31.69	3.21	1025.23	9.4	31.64	2.56	1025.24	14.6	31.65	2.54	1025.25
4.0	31.68	3.19	1025.22	9.5	31.63	2.56	1025.23	14.7	31.65	2.54	1025.25
4.1	31.70	3.19	1025.24	9.7	31.65	2.55	1025.25	14.9	31.65	2.53	1025.25
4.4	31.70	3.18	1025.24	9.8	31.66	2.54	1025.26	15.1	31.65	2.53	1025.25
4.5	31.70	3.18	1025.24	10.0	31.65	2.55	1025.25	15.2	31.64	2.53	1025.24
4.6	31.69	3.18	1025.23	10.2	31.65	2.55	1025.25	15.3	31.65	2.53	1025.25
4.7	31.70	3.11	1025.24	10.3	31.65	2.54	1025.25	15.5	31.65	2.53	1025.25
5.0	31.70	3.08	1025.24	10.4	31.65	2.55	1025.25	15.6	31.64	2.53	1025.24
5.2	31.71	2.90	1025.27	10.6	31.65	2.55	1025.25	15.7	31.64	2.53	1025.24
5.3	31.70	2.90	1025.26	10.8	31.64	2.55	1025.24				

STATION: 86034 DATE: 27 August

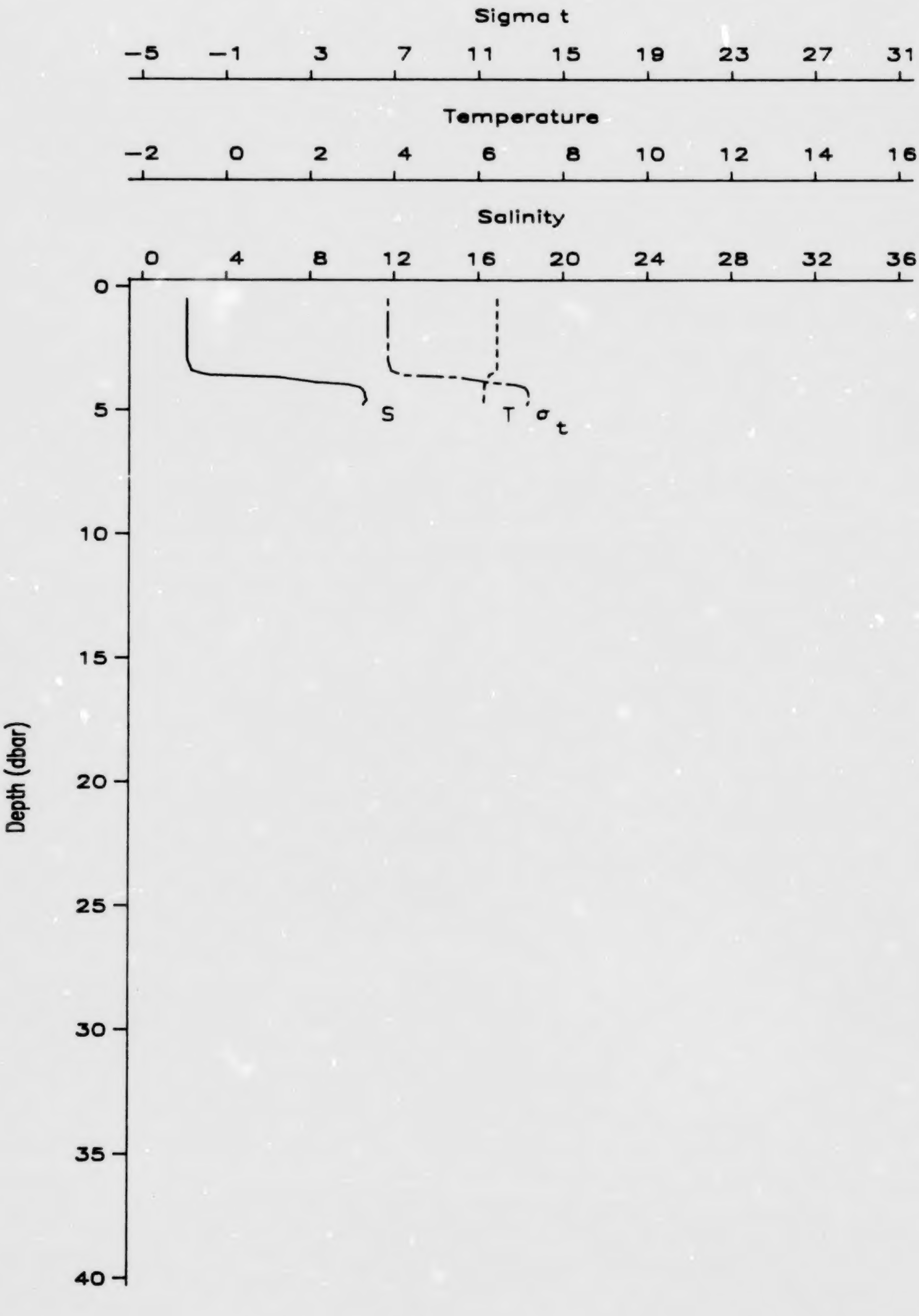

Table A1.73. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86034, August 27, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	2.15	6.42	1001.64	2.1	2.16	6.42	1001.65	3.7	6.56	6.20	1005.13
0.7	2.15	6.42	1001.64	2.2	2.16	6.42	1001.65	3.9	8.29	6.13	1006.50
0.8	2.15	6.42	1001.64	2.4	2.16	6.42	1001.65	4.0	9.91	6.12	1007.77
0.9	2.15	6.42	1001.64	2.6	2.16	6.42	1001.65	4.1	10.39	6.11	1008.15
1.0	2.15	6.42	1001.64	2.7	2.15	6.42	1001.64	4.2	10.51	6.11	1008.25
1.1	2.15	6.42	1001.64	2.9	2.16	6.42	1001.65	4.3	10.60	6.11	1008.32
1.3	2.15	6.42	1001.64	3.0	2.18	6.42	1001.66	4.5	10.64	6.11	1008.35
1.4	2.15	6.42	1001.64	3.2	2.28	6.42	1001.74	4.6	10.70	6.10	1008.40
1.6	2.15	6.42	1001.64	3.4	2.38	6.41	1001.82	4.7	10.57	6.10	1008.30
1.8	2.15	6.42	1001.64	3.5	2.70	6.33	1002.08	4.8	10.51	6.11	1008.25
2.0	2.16	6.42	1001.65	3.6	3.22	6.24	1002.49				

STATION: 86073 DATE: 28 August

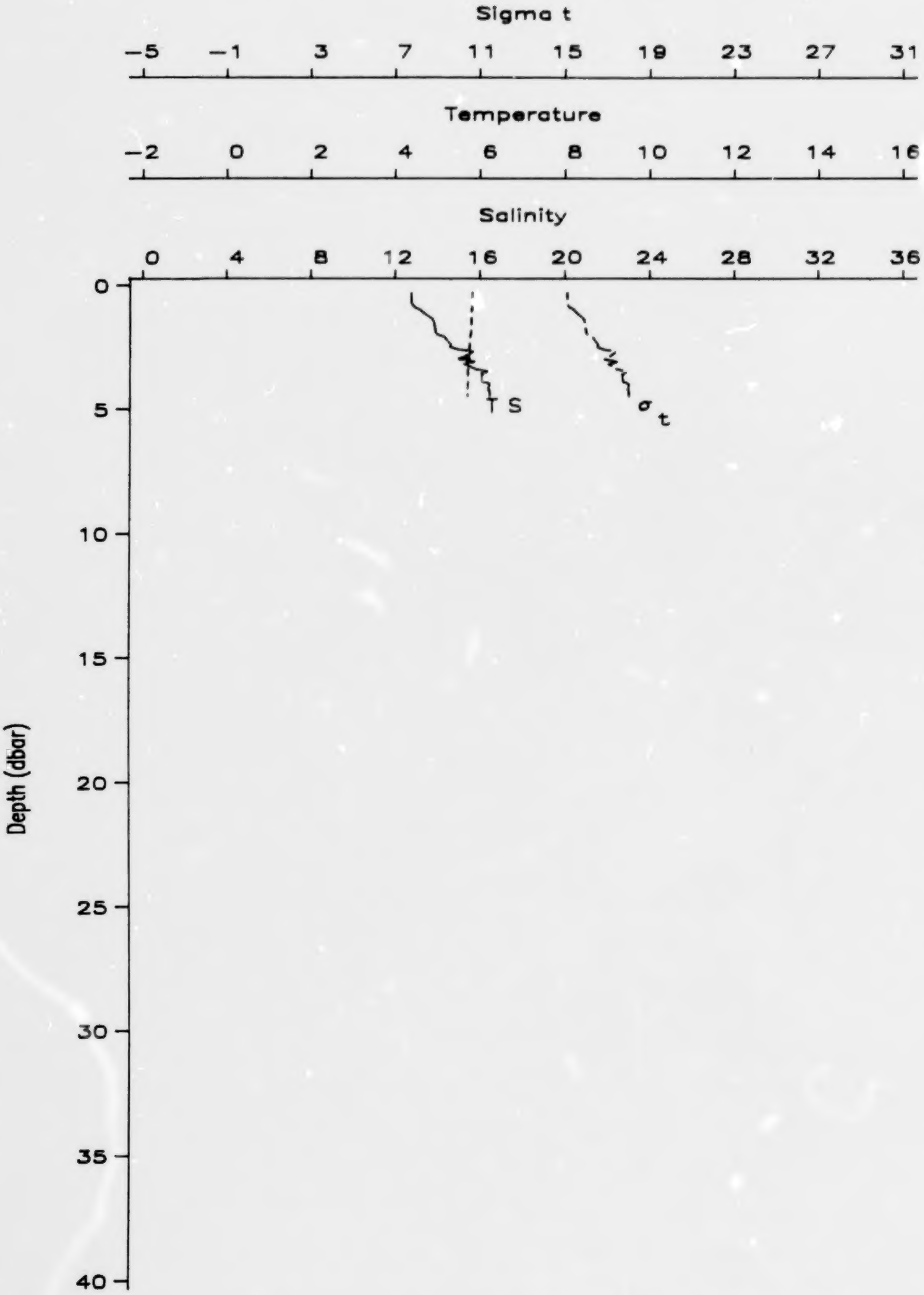

Table A1.74. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86073, August 28, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	12.78	5.79	1010.06	1.8	13.89	5.75	1010.93	3.1	15.74	5.69	1012.40
0.4	12.77	5.79	1010.05	1.9	13.91	5.76	1010.95	3.2	15.24	5.70	1012.00
0.5	12.78	5.79	1010.06	2.0	13.99	5.75	1011.01	3.4	15.74	5.69	1012.40
0.7	12.78	5.79	1010.06	2.1	14.31	5.74	1011.26	3.5	16.34	5.68	1012.87
0.8	12.83	5.79	1010.10	2.4	14.61	5.72	1011.50	3.6	16.07	5.69	1012.66
0.9	12.94	5.79	1010.18	2.5	14.58	5.73	1011.48	3.9	16.10	5.69	1012.68
1.0	13.18	5.78	1010.37	2.6	14.88	5.72	1011.72	4.0	16.44	5.68	1012.95
1.1	13.31	5.77	1010.48	2.7	15.66	5.69	1012.33	4.2	16.36	5.67	1012.89
1.4	13.79	5.76	1010.85	2.9	15.32	5.71	1012.06	4.3	16.46	5.68	1012.96
1.6	13.86	5.76	1010.91	3.0	14.98	5.71	1011.79	4.5	16.44	5.67	1012.95

STATION: 86074 DATE: 28 August

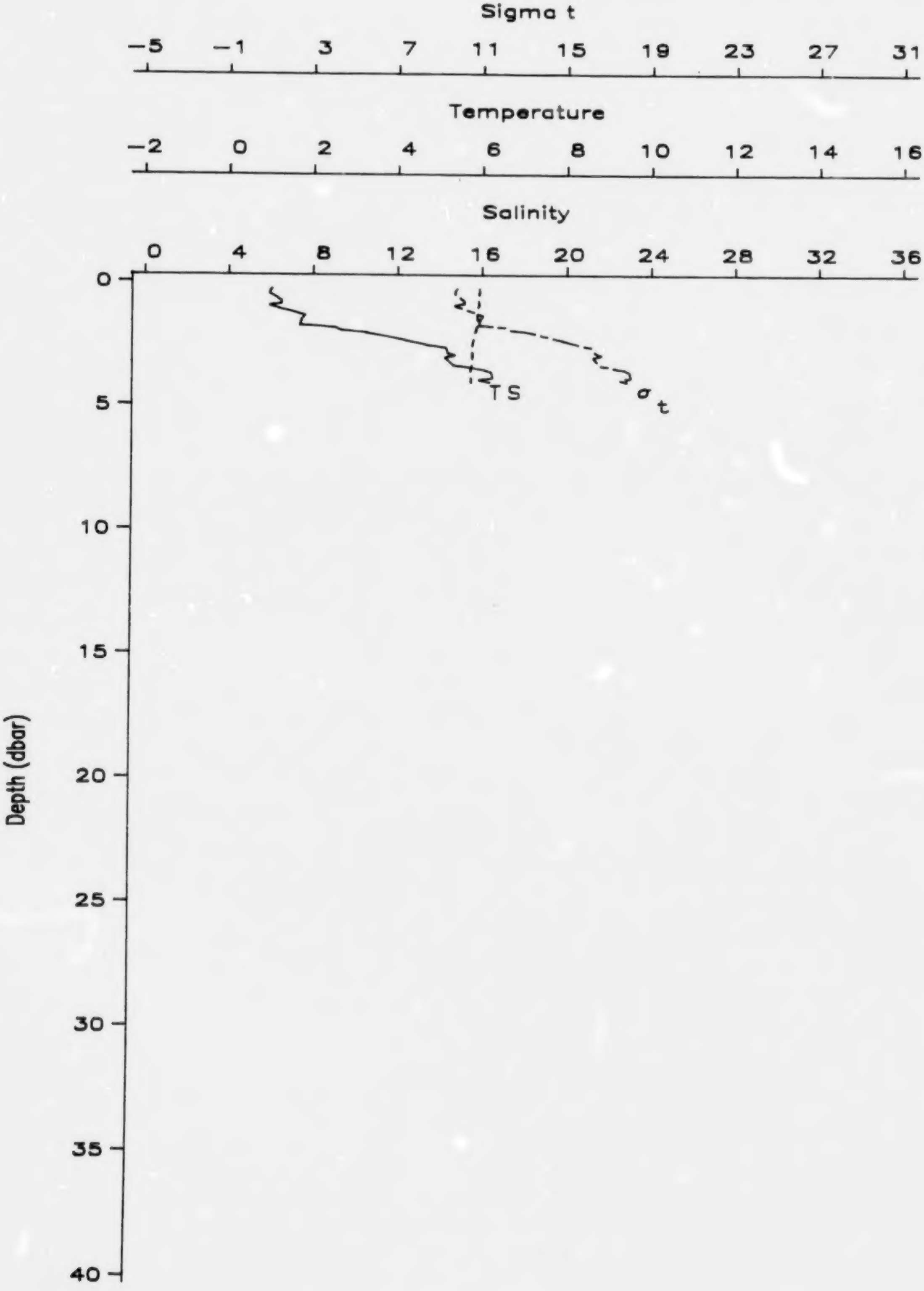

Table A1.75. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86074, August 28, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	6.04	5.90	1004.74	1.4	7.60	5.86	1005.97	2.9	14.37	5.73	1011.31
0.4	5.94	5.90	1004.66	1.6	7.41	5.87	1005.82	3.0	14.71	5.73	1011.58
0.5	5.90	5.90	1004.63	1.8	7.36	5.86	1005.78	3.1	14.24	5.73	1011.21
0.7	6.30	5.87	1004.94	1.9	9.08	5.83	1007.14	3.4	14.61	5.73	1011.50
0.8	6.49	5.88	1005.09	2.0	9.31	5.83	1007.32	3.6	16.14	5.69	1012.71
0.9	6.51	5.89	1005.11	2.1	10.50	5.79	1008.26	3.7	16.42	5.70	1012.93
1.0	5.92	5.89	1004.64	2.4	12.37	5.76	1009.74	3.9	16.49	5.70	1012.99
1.1	6.32	5.86	1004.96	2.6	13.41	5.73	1010.56	4.0	15.84	5.70	1012.47
1.3	7.24	5.86	1005.69	2.7	14.29	5.73	1011.25	4.1	16.32	5.70	1012.85

STATION: 86075 DATE: 29 August

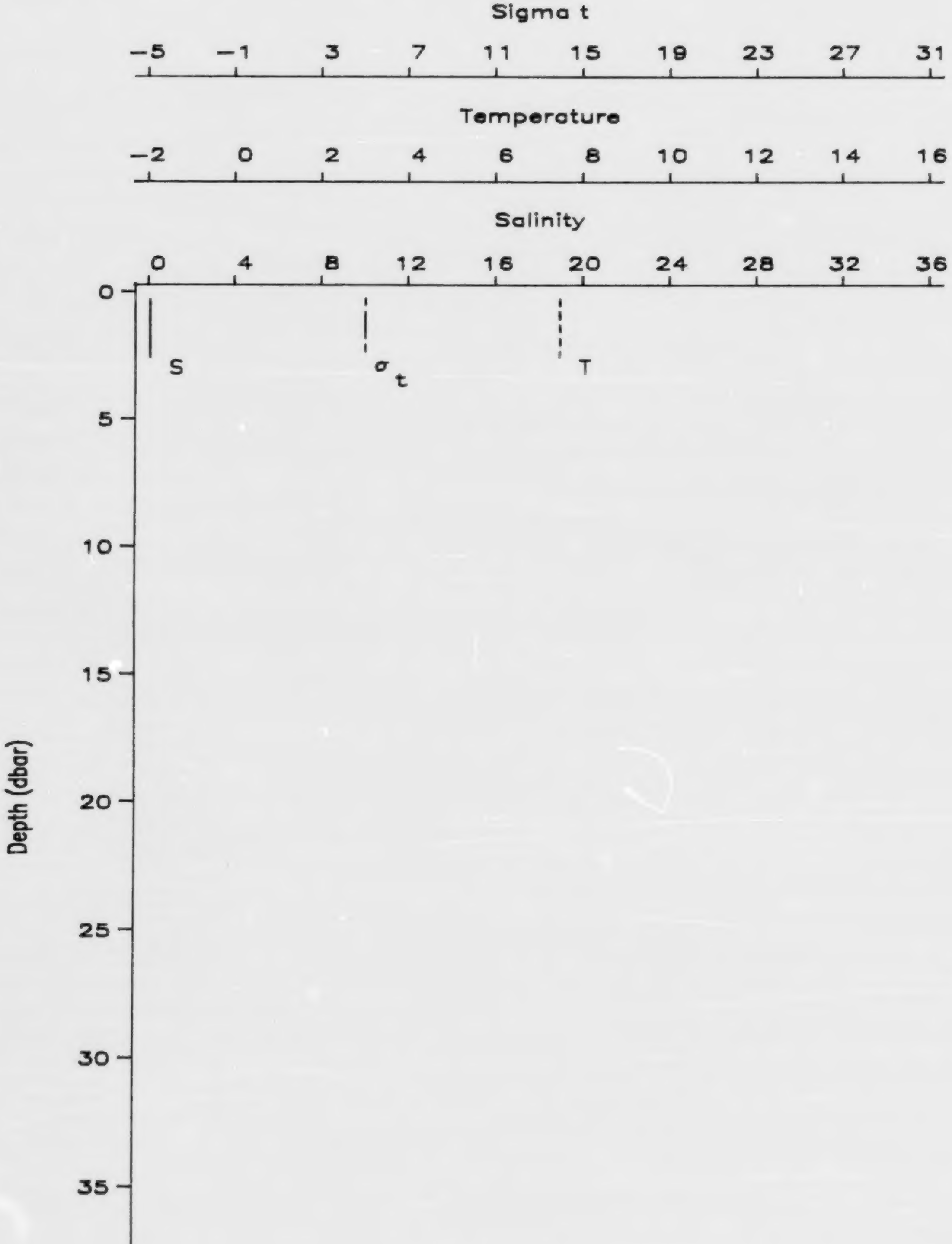

Table A1.76. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86075, August 29, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	0.12	7.46	999.98	1.1	0.12	7.46	999.98	2.2	0.12	7.46	999.98
0.4	0.12	7.46	999.98	1.3	0.12	7.45	999.98	2.4	0.12	7.46	999.98
0.5	0.12	7.46	999.98	1.5	0.12	7.47	999.98	2.5	0.12	7.45	999.98
0.7	0.12	7.45	999.98	1.8	0.12	7.46	999.98	2.6	0.12	7.45	999.98
0.8	0.12	7.45	999.98	2.0	0.12	7.47	999.98				
1.0	0.12	7.46	999.98	2.1	0.12	7.47	999.98				

STATION: 86076 DATE: 30 August

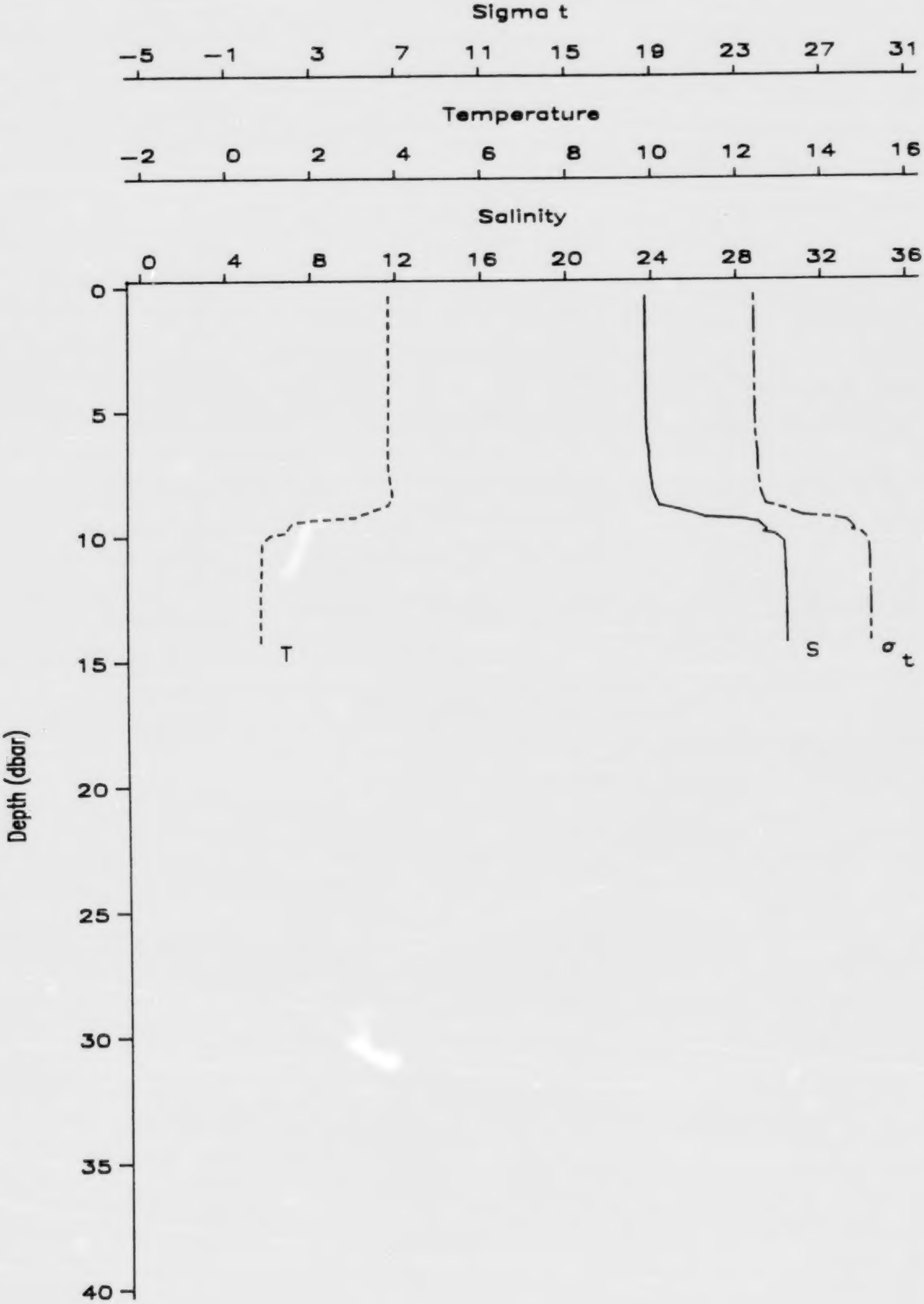

Table A1.77. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86076, August 30, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	23.71	3.81	1018.83	4.7	23.72	3.80	1018.84	9.3	26.47	3.00	1021.08
0.5	23.71	3.81	1018.83	4.8	23.71	3.80	1018.83	9.4	28.30	1.99	1022.61
0.7	23.72	3.81	1018.84	5.1	23.73	3.80	1018.85	9.5	28.96	1.54	1023.16
0.8	23.72	3.81	1018.84	5.3	23.73	3.80	1018.85	9.8	29.35	1.41	1023.48
0.9	23.71	3.81	1018.83	5.4	23.74	3.80	1018.86	9.9	29.22	1.41	1023.38
1.0	23.72	3.81	1018.84	5.7	23.75	3.79	1018.87	10.0	29.78	1.02	1023.85
1.1	23.72	3.81	1018.84	5.8	23.74	3.79	1018.86	10.3	30.19	0.83	1024.19
1.4	23.72	3.80	1018.84	6.0	23.75	3.79	1018.87	10.5	30.21	0.83	1024.20
1.5	23.72	3.81	1018.84	6.1	23.78	3.79	1018.89	11.0	30.25	0.81	1024.24
1.6	23.71	3.81	1018.83	6.3	23.78	3.79	1018.89	11.1	30.25	0.81	1024.24
1.8	23.72	3.81	1018.84	6.4	23.83	3.78	1018.93	11.2	30.24	0.82	1024.23
2.2	23.72	3.81	1018.84	6.6	23.84	3.78	1018.94	11.4	30.24	0.82	1024.23
2.5	23.71	3.80	1018.83	6.7	23.87	3.79	1018.96	11.5	30.27	0.81	1024.25
2.6	23.72	3.81	1018.84	6.9	23.88	3.79	1018.97	11.7	30.26	0.82	1024.24
2.7	23.72	3.81	1018.84	7.2	23.89	3.79	1018.98	12.1	30.27	0.79	1024.25
2.9	23.72	3.81	1018.84	7.3	23.91	3.79	1018.99	12.2	30.29	0.79	1024.27
3.0	23.72	3.81	1018.84	7.4	23.90	3.81	1018.98	12.6	30.29	0.79	1024.27
3.1	23.71	3.81	1018.83	7.5	23.90	3.80	1018.98	12.9	30.28	0.80	1024.26
3.5	23.72	3.81	1018.84	7.7	23.94	3.84	1019.01	13.0	30.28	0.79	1024.26
3.7	23.71	3.80	1018.83	7.9	23.98	3.85	1019.04	13.1	30.28	0.80	1024.26
3.9	23.72	3.81	1018.84	8.2	24.02	3.88	1019.07	13.2	30.30	0.79	1024.28
4.0	23.71	3.81	1018.83	8.3	24.06	3.89	1019.10	13.6	30.28	0.79	1024.26
4.1	23.72	3.81	1018.84	8.4	24.10	3.89	1019.14	13.8	30.28	0.79	1024.26
4.2	23.71	3.80	1018.83	8.5	24.15	3.89	1019.18	14.2	30.28	0.79	1024.26
4.3	23.72	3.81	1018.84	8.8	24.32	3.79	1019.32	14.3	30.28	0.79	1024.26
4.5	23.72	3.81	1018.84	9.0	25.31	3.47	1020.13				

STATION: 86077 DATE: 30 August

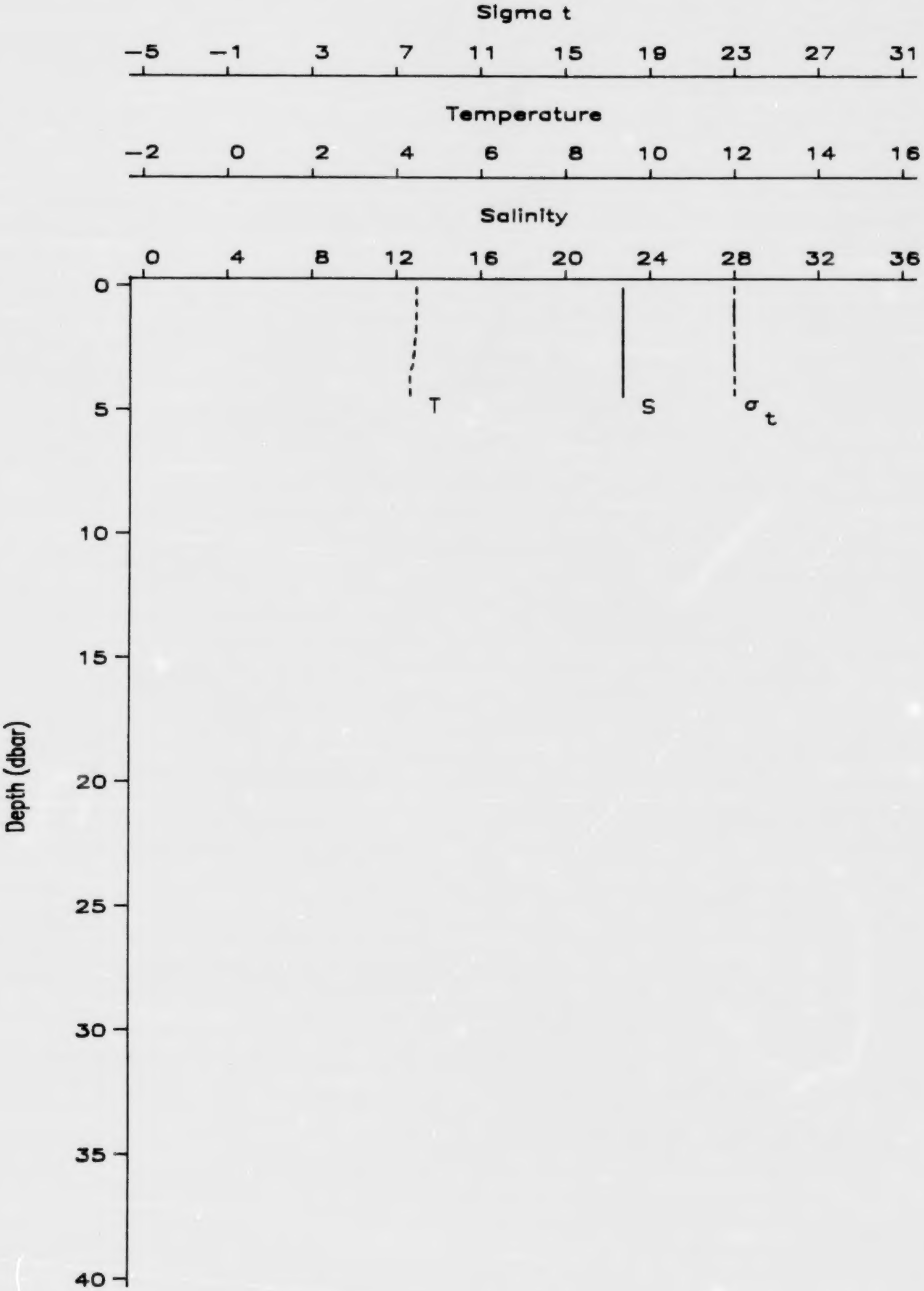

Table A1.78. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86077, August 30, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	22.72	4.46	1018.00	1.9	22.72	4.45	1018.00	3.3	22.72	4.37	1018.01
0.3	22.72	4.46	1018.00	2.0	22.71	4.44	1017.99	3.5	22.74	4.31	1018.03
0.6	22.72	4.46	1018.00	2.2	22.73	4.43	1018.01	3.7	22.73	4.30	1018.02
0.7	22.71	4.46	1017.99	2.3	22.72	4.42	1018.00	3.9	22.73	4.31	1018.02
0.8	22.71	4.47	1017.99	2.4	22.72	4.42	1018.00	4.0	22.72	4.31	1018.01
0.9	22.71	4.46	1017.99	2.5	22.72	4.41	1018.00	4.3	22.73	4.31	1018.02
1.2	22.71	4.46	1017.99	2.7	22.72	4.41	1018.00	4.4	22.73	4.31	1018.02
1.3	22.72	4.46	1018.00	2.8	22.72	4.40	1018.00	4.5	22.73	4.31	1018.02
1.4	22.72	4.46	1018.00	2.9	22.73	4.39	1018.01				
1.8	22.72	4.45	1018.00	3.2	22.72	4.38	1018.01				

STATION: 86078 DATE: 04 September

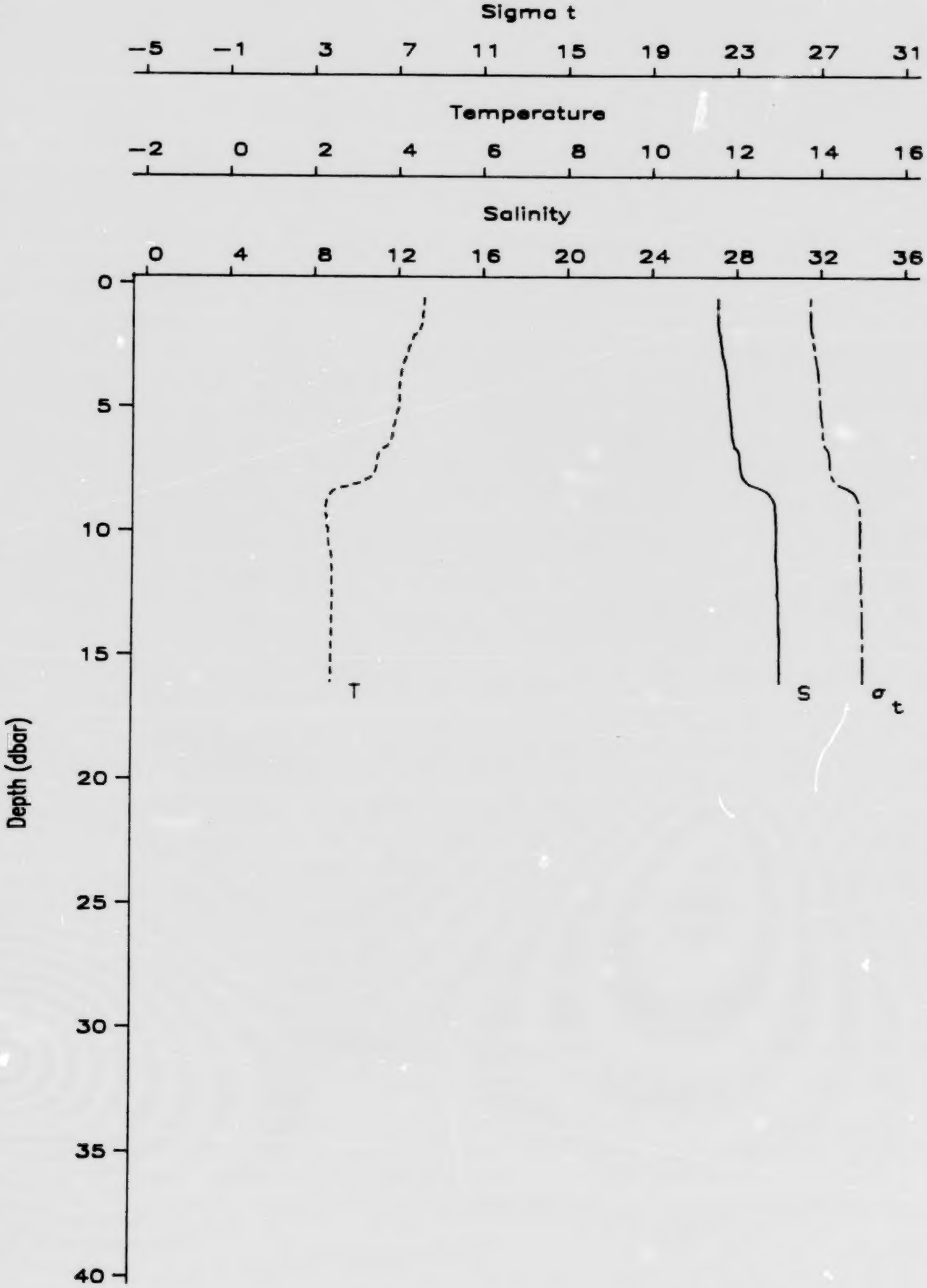

Table A1.79. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86078, September 4, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	27.11	4.58	1021.47	5.2	27.67	3.95	1021.97	10.3	29.87	2.34	1023.84
0.8	27.12	4.57	1021.47	5.3	27.68	3.94	1021.97	10.5	29.87	2.35	1023.84
0.9	27.11	4.58	1021.47	5.5	27.70	3.92	1021.99	10.7	29.86	2.37	1023.83
1.0	27.11	4.58	1021.47	5.7	27.73	3.89	1022.02	10.8	29.86	2.39	1023.83
1.2	27.13	4.55	1021.48	5.8	27.75	3.86	1022.04	10.9	29.82	2.41	1023.80
1.3	27.12	4.55	1021.48	6.0	27.75	3.86	1022.04	11.0	29.84	2.41	1023.81
1.5	27.11	4.54	1021.47	6.1	27.76	3.84	1022.05	11.1	29.84	2.42	1023.81
1.7	27.13	4.52	1021.49	6.2	27.77	3.84	1022.05	11.4	29.89	2.42	1023.85
1.8	27.15	4.49	1021.51	6.3	27.79	3.81	1022.07	11.5	29.91	2.43	1023.87
1.9	27.15	4.48	1021.51	6.4	27.82	3.78	1022.10	11.8	29.93	2.43	1023.88
2.0	27.17	4.44	1021.53	6.6	27.88	3.71	1022.15	12.0	29.94	2.42	1023.89
2.1	27.23	4.34	1021.58	6.7	28.00	3.59	1022.26	12.2	29.95	2.44	1023.90
2.3	27.25	4.30	1021.60	6.8	28.07	3.53	1022.32	12.4	29.92	2.43	1023.87
2.4	27.25	4.29	1021.60	7.0	28.12	3.49	1022.36	12.5	29.89	2.44	1023.85
2.5	27.27	4.25	1021.62	7.2	28.15	3.47	1022.39	12.7	29.95	2.43	1023.90
2.6	27.30	4.22	1021.65	7.3	28.14	3.48	1022.38	12.9	29.99	2.43	1023.93
2.8	27.31	4.20	1021.66	7.6	28.19	3.43	1022.42	13.1	29.99	2.42	1023.93
2.9	27.33	4.18	1021.68	7.7	28.23	3.39	1022.46	13.2	29.99	2.42	1023.93
3.0	27.36	4.15	1021.70	7.8	28.25	3.37	1022.47	13.4	29.99	2.42	1023.93
3.1	27.39	4.13	1021.73	7.9	28.32	3.28	1022.54	13.7	30.00	2.42	1023.94
3.2	27.42	4.10	1021.75	8.1	28.55	3.03	1022.74	13.9	30.01	2.42	1023.95
3.4	27.46	4.08	1021.79	8.3	29.18	2.59	1023.27	14.0	30.00	2.42	1023.94
3.5	27.50	4.05	1021.82	8.4	29.42	2.44	1023.47	14.1	29.99	2.43	1023.93
3.6	27.51	4.05	1021.83	8.5	29.53	2.39	1023.57	14.3	30.03	2.41	1023.96
3.7	27.52	4.03	1021.84	8.7	29.69	2.31	1023.70	14.5	30.03	2.41	1023.96
3.9	27.54	4.02	1021.86	8.8	29.76	2.29	1023.76	14.8	30.03	2.40	1023.96
4.0	27.56	4.01	1021.87	9.0	29.82	2.27	1023.81	15.0	30.03	2.41	1023.96
4.1	27.57	4.00	1021.88	9.2	29.83	2.26	1023.81	15.1	30.03	2.41	1023.96
4.2	27.59	4.00	1021.90	9.3	29.84	2.27	1023.82	15.2	30.03	2.41	1023.96
4.4	27.58	4.00	1021.89	9.4	29.84	2.29	1023.82	15.3	30.03	2.41	1023.96
4.5	27.58	4.01	1021.89	9.5	29.83	2.31	1023.81	15.4	30.03	2.40	1023.96
4.6	27.59	4.00	1021.90	9.6	29.84	2.31	1023.82	15.6	30.04	2.40	1023.97
4.7	27.61	4.00	1021.91	9.8	29.87	2.29	1023.84	15.7	30.04	2.41	1023.97
5.0	27.63	4.00	1021.93	9.9	29.86	2.33	1023.83	16.0	30.04	2.39	1023.97
5.1	27.65	3.97	1021.95	10.0	29.87	2.33	1023.84	16.1	30.05	2.39	1023.98

STATION: 86079 DATE: 05 September

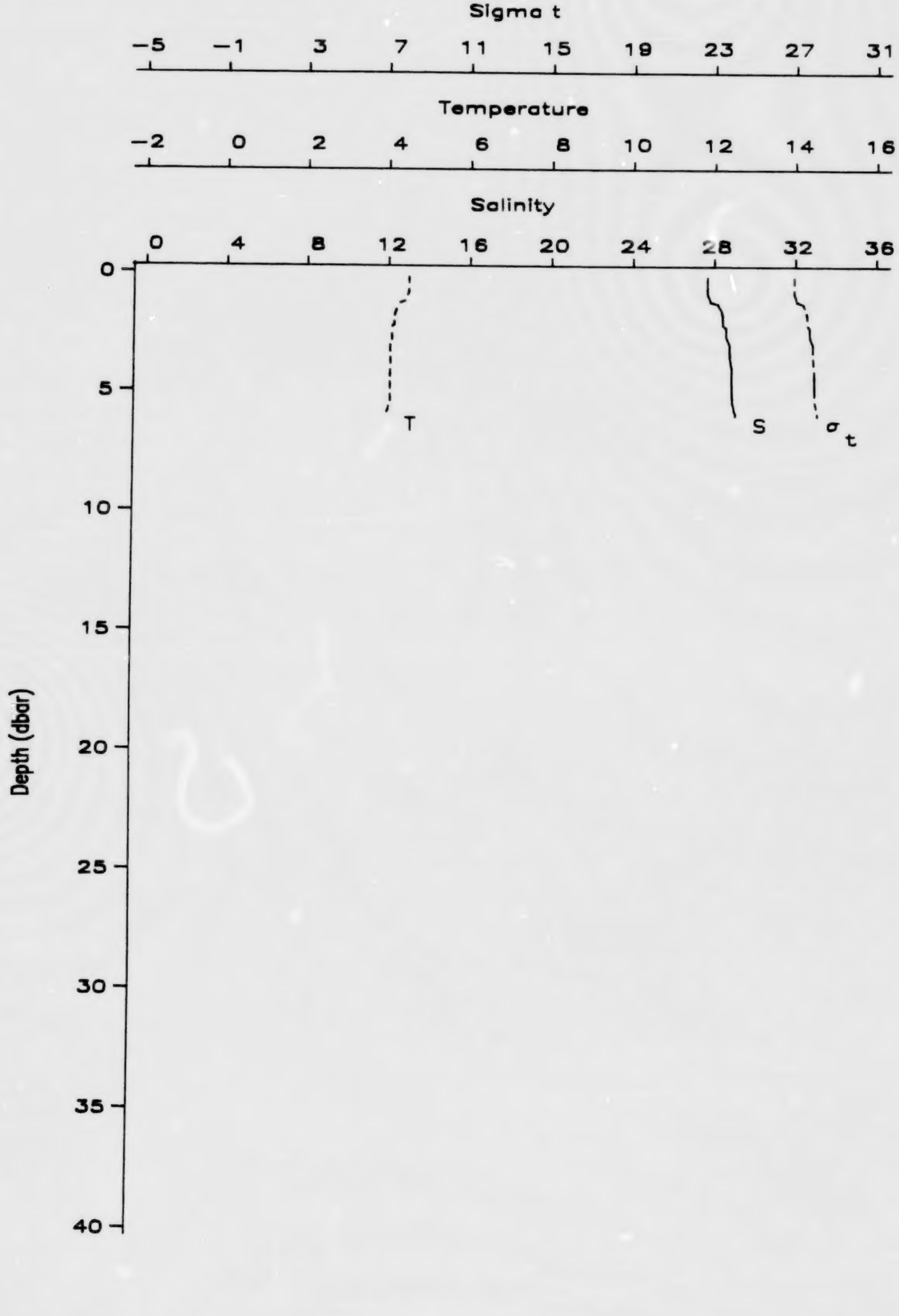

Table A1.80. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86079, September 5, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	27.64	4.46	1021.90	2.3	28.56	4.05	1022.66	4.8	28.88	4.01	1022.92
0.3	27.63	4.46	1021.89	2.7	28.60	4.05	1022.69	4.9	28.87	4.02	1022.91
0.6	27.63	4.46	1021.89	2.9	28.70	4.04	1022.78	5.0	28.88	4.01	1022.92
0.7	27.64	4.46	1021.90	3.0	28.76	4.00	1022.83	5.1	28.87	4.01	1022.91
0.8	27.63	4.46	1021.89	3.3	28.77	4.01	1022.83	5.2	28.89	4.01	1022.93
0.9	27.66	4.44	1021.91	3.4	28.77	4.02	1022.83	5.4	28.90	4.01	1022.94
1.2	27.81	4.36	1022.04	3.5	28.75	4.01	1022.82	5.5	28.90	4.00	1022.94
1.3	28.16	4.24	1022.33	3.7	28.79	4.02	1022.85	5.6	28.96	3.97	1022.99
1.6	28.36	4.14	1022.50	3.9	28.83	4.01	1022.88	5.8	28.98	3.95	1023.01
1.7	28.38	4.13	1022.51	4.0	28.86	4.01	1022.90	5.9	29.05	3.91	1023.06
1.8	28.41	4.11	1022.54	4.3	28.86	4.01	1022.90	6.0	29.04	3.93	1023.05
2.0	28.43	4.10	1022.56	4.4	28.87	4.01	1022.91				
2.2	28.43	4.10	1022.56	4.6	28.87	4.01	1022.91				

STATION: 86080 DATE: 10 September

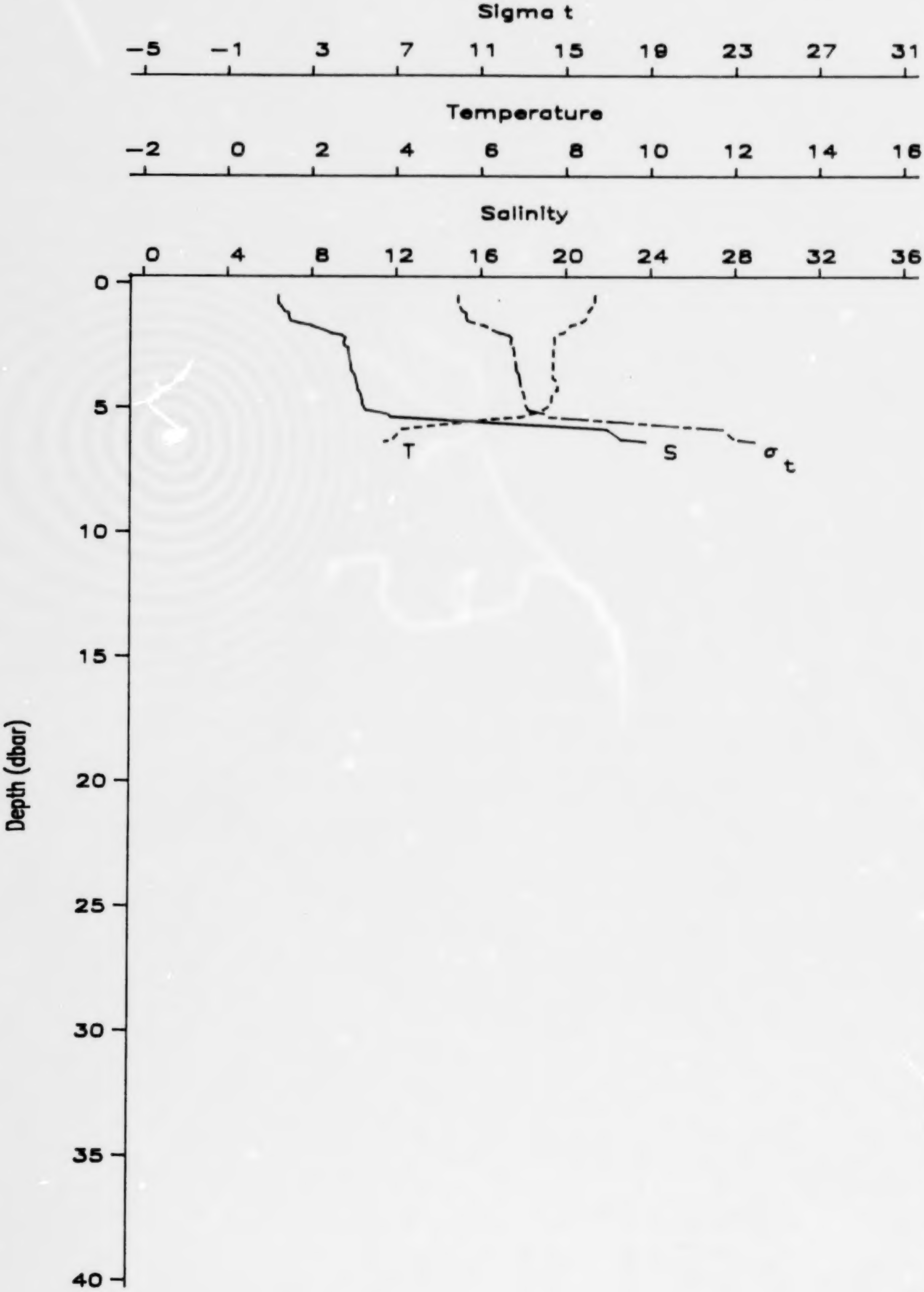

Table A1.81. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86080, September 10, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	6.40	8.66	1004.83	2.3	9.50	7.71	1007.34	4.4	10.28	7.66	1007.95
0.6	6.39	8.65	1004.82	2.5	9.49	7.71	1007.33	4.7	10.38	7.62	1008.03
0.8	6.39	8.65	1004.82	2.6	9.71	7.68	1007.50	4.9	10.40	7.60	1008.05
0.9	6.51	8.60	1004.92	2.8	9.74	7.67	1007.53	5.1	10.53	7.44	1008.17
1.1	6.67	8.53	1005.05	3.1	9.80	7.67	1007.58	5.3	11.64	7.08	1009.07
1.2	6.89	8.47	1005.23	3.3	9.84	7.66	1007.61	5.4	11.73	6.88	1009.15
1.4	6.92	8.46	1005.25	3.5	9.86	7.66	1007.62	5.5	13.81	6.13	1010.84
1.5	6.98	8.40	1005.31	3.6	9.94	7.66	1007.69	5.8	19.85	4.57	1015.72
1.6	7.36	8.32	1005.61	3.7	10.03	7.65	1007.76	5.9	21.95	4.08	1017.42
1.7	7.95	8.09	1006.09	3.8	10.05	7.66	1007.77	6.3	22.56	3.89	1017.91
2.0	8.84	7.91	1006.80	4.0	10.11	7.78	1007.81	6.4	23.74	3.69	1018.86
2.1	9.41	7.72	1007.27	4.2	10.17	7.79	1007.85				
2.2	9.57	7.69	1007.39	4.3	10.18	7.79	1007.86				

STATION: 86081 DATE: 15 September

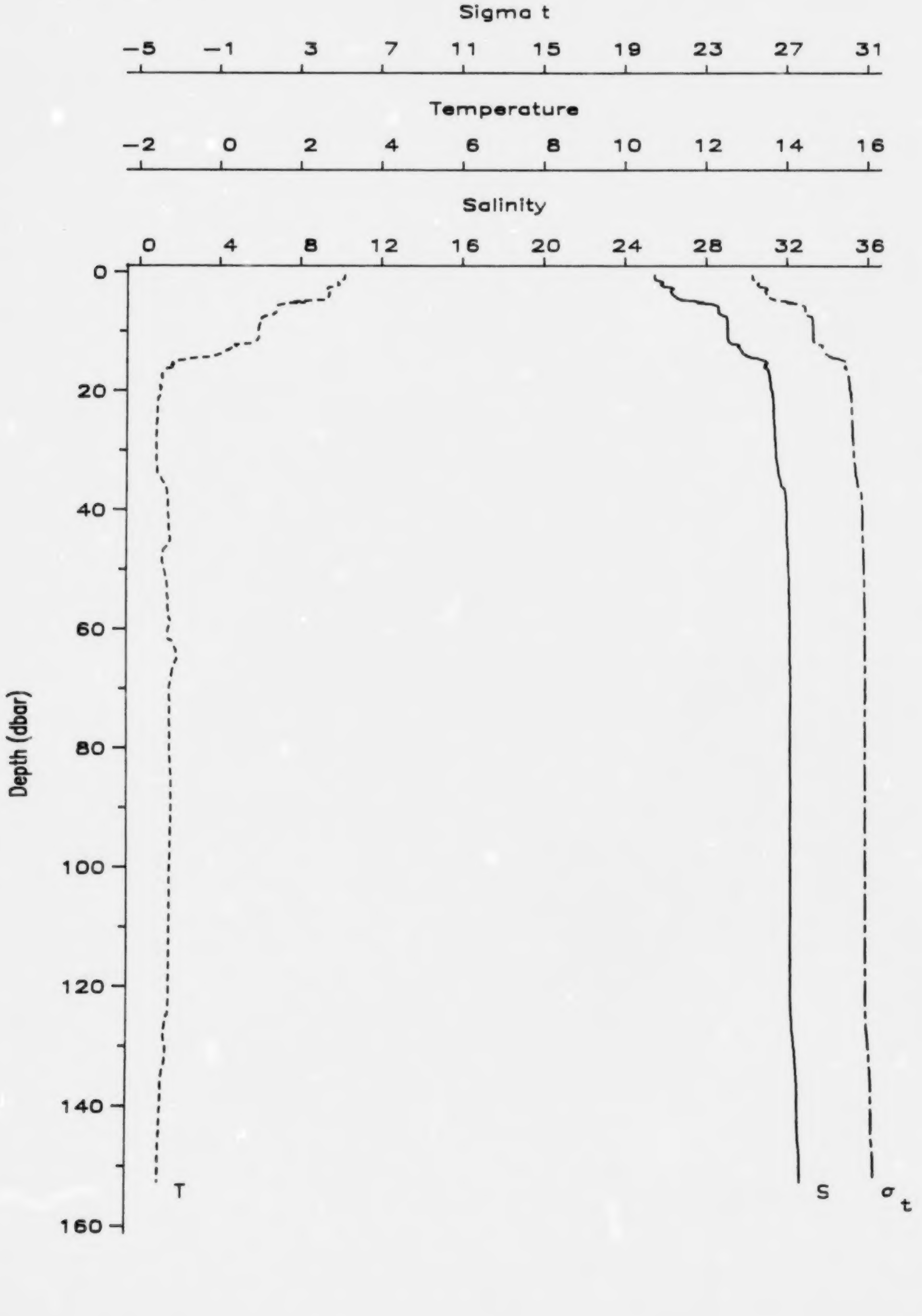

Table A1.82. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86081, September 15, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.5	25.46	3.06	1020.27	8.4	29.05	0.94	1023.27	15.8	30.96	-1.22	1024.89
0.6	25.47	3.06	1020.28	8.5	29.04	0.96	1023.26	15.9	30.93	-1.17	1024.86
0.8	25.47	3.05	1020.28	8.6	29.02	0.98	1023.24	16.0	30.86	-1.13	1024.80
0.9	25.47	3.05	1020.28	8.7	29.04	0.96	1023.26	16.2	30.97	-1.25	1024.89
1.1	25.46	3.05	1020.28	8.9	29.05	0.95	1023.27	16.3	31.02	-1.33	1024.94
1.2	25.48	3.04	1020.29	9.1	29.05	0.94	1023.27	16.4	31.06	-1.38	1024.97
1.6	25.81	2.90	1020.56	9.4	29.05	0.93	1023.27	16.6	31.09	-1.41	1025.00
1.7	25.88	2.88	1020.62	9.5	29.05	0.93	1023.27	16.8	31.09	-1.43	1025.00
1.9	25.84	2.91	1020.59	9.6	29.05	0.93	1023.27	16.9	31.10	-1.44	1025.00
2.0	25.75	2.90	1020.52	9.9	29.05	0.92	1023.27	17.0	31.10	-1.44	1025.00
2.1	25.75	2.94	1020.51	10.0	29.06	0.92	1023.28	17.3	31.13	-1.45	1025.03
2.5	25.92	2.86	1020.65	10.1	29.04	0.93	1023.26	17.4	31.12	-1.45	1025.02
2.6	26.27	2.67	1020.95	10.4	29.05	0.94	1023.27	17.5	31.14	-1.46	1025.04
2.8	26.39	2.63	1021.04	10.5	29.05	0.94	1023.27	17.6	31.13	-1.45	1025.03
3.1	26.24	2.73	1020.92	10.6	29.05	0.94	1023.27	17.7	31.13	-1.44	1025.03
3.2	26.24	2.72	1020.92	10.7	29.05	0.94	1023.27	17.9	31.13	-1.43	1025.03
3.3	26.25	2.70	1020.93	10.9	29.05	0.94	1023.27	18.0	31.15	-1.45	1025.04
3.5	26.30	2.67	1020.97	11.0	29.04	0.94	1023.26	18.1	31.15	-1.45	1025.04
3.6	26.30	2.70	1020.97	11.1	29.06	0.93	1023.28	18.3	31.14	-1.47	1025.04
3.7	26.31	2.69	1020.98	11.2	29.06	0.92	1023.28	18.6	31.20	-1.49	1025.09
3.8	26.36	2.68	1021.02	11.3	29.08	0.91	1023.29	18.8	31.20	-1.50	1025.09
4.0	26.41	2.67	1021.06	11.6	29.09	0.87	1023.30	19.0	31.21	-1.51	1025.09
4.2	26.50	2.65	1021.13	11.7	29.12	0.84	1023.33	19.1	31.20	-1.50	1025.09
4.4	26.56	2.63	1021.18	12.1	29.25	0.71	1023.44	19.2	31.21	-1.50	1025.09
4.6	26.72	2.57	1021.31	12.2	29.53	0.45	1023.67	19.4	31.17	-1.46	1025.06
4.7	26.79	2.55	1021.37	12.3	29.63	0.34	1023.76	19.5	31.19	-1.47	1025.08
4.9	27.44	2.05	1021.92	12.6	29.56	0.39	1023.70	19.6	31.21	-1.48	1025.09
5.1	27.82	1.80	1022.24	12.7	29.63	0.30	1023.76	19.7	31.22	-1.48	1025.10
5.2	27.57	2.07	1022.02	12.8	29.65	0.27	1023.78	20.0	31.25	-1.49	1025.13
5.3	27.96	1.70	1022.35	13.1	29.69	0.20	1023.81	20.2	31.29	-1.51	1025.16
5.4	28.30	1.54	1022.63	13.3	29.76	0.13	1023.87	20.3	31.29	-1.51	1025.16
5.7	28.55	1.40	1022.84	13.4	29.77	0.10	1023.88	20.5	31.30	-1.51	1025.17
5.8	28.59	1.37	1022.88	13.6	29.79	0.08	1023.90	20.6	31.28	-1.50	1025.15
5.9	28.62	1.36	1022.90	13.7	29.81	0.07	1023.92	20.7	31.26	-1.49	1025.13
6.2	28.61	1.36	1022.89	13.9	29.93	-0.05	1024.02	21.0	31.29	-1.50	1025.16
6.4	28.63	1.36	1022.91	14.1	30.00	-0.12	1024.08	21.2	31.32	-1.54	1025.18
6.5	28.62	1.36	1022.90	14.2	30.12	-0.26	1024.18	21.5	31.31	-1.55	1025.18
6.8	28.62	1.36	1022.90	14.4	30.20	-0.32	1024.24	22.0	31.32	-1.55	1025.18
6.9	28.61	1.35	1022.89	14.5	30.53	-0.61	1024.52	22.3	31.33	-1.56	1025.19
7.0	28.67	1.31	1022.94	14.8	30.79	-0.90	1024.74	22.6	31.33	-1.56	1025.19
7.2	28.73	1.31	1022.99	14.9	30.92	-1.03	1024.85	22.7	31.34	-1.56	1025.20
7.3	28.81	1.24	1023.06	15.2	31.02	-1.16	1024.93	22.8	31.33	-1.56	1025.19
7.5	28.98	1.08	1023.20	15.3	31.00	-1.20	1024.92	22.9	31.33	-1.55	1025.19
7.8	29.03	1.01	1023.25	15.4	30.98	-1.17	1024.90	23.4	31.32	-1.56	1025.18
8.0	29.04	0.98	1023.26	15.5	30.91	-1.15	1024.84	23.8	31.34	-1.57	1025.20
8.3	29.05	0.94	1023.27	15.7	30.93	-1.18	1024.86	24.0	31.34	-1.56	1025.20

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Table A1.82. Station 86081 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
24.4	31.34	-1.57	1025.20	36.4	31.85	-1.32	1025.61	48.5	32.04	-1.43	1025.77
24.7	31.34	-1.56	1025.20	36.5	31.85	-1.31	1025.61	48.8	32.03	-1.41	1025.76
25.0	31.36	-1.57	1025.22	36.9	31.89	-1.30	1025.64	49.0	32.03	-1.40	1025.76
25.3	31.34	-1.57	1025.20	37.0	31.90	-1.30	1025.65	49.2	32.04	-1.41	1025.77
25.5	31.36	-1.57	1025.22	37.2	31.90	-1.30	1025.65	49.3	32.06	-1.40	1025.78
25.6	31.35	-1.58	1025.21	37.6	31.92	-1.28	1025.67	49.4	32.04	-1.39	1025.77
25.9	31.38	-1.58	1025.23	37.7	31.92	-1.27	1025.67	51.3	32.09	-1.32	1025.80
26.0	31.38	-1.58	1025.23	38.1	31.93	-1.27	1025.67	51.5	32.10	-1.32	1025.81
26.4	31.40	-1.58	1025.25	38.2	31.93	-1.27	1025.67	51.8	32.09	-1.31	1025.80
26.5	31.38	-1.57	1025.23	38.6	31.95	-1.28	1025.69	51.9	32.09	-1.30	1025.80
26.9	31.39	-1.58	1025.24	39.0	31.95	-1.28	1025.69	52.4	32.08	-1.30	1025.80
27.0	31.39	-1.58	1025.24	39.2	31.94	-1.28	1025.68	52.7	32.08	-1.29	1025.80
27.3	31.38	-1.57	1025.23	39.6	31.96	-1.28	1025.70	53.1	32.09	-1.30	1025.80
27.6	31.39	-1.58	1025.24	39.8	31.95	-1.27	1025.69	53.4	32.09	-1.29	1025.80
27.9	31.40	-1.58	1025.25	40.2	31.96	-1.27	1025.70	53.6	32.08	-1.29	1025.80
28.2	31.40	-1.58	1025.25	40.3	31.97	-1.27	1025.71	53.9	32.11	-1.30	1025.82
28.6	31.42	-1.59	1025.27	40.7	31.96	-1.27	1025.70	54.1	32.11	-1.30	1025.82
29.0	31.43	-1.58	1025.27	40.9	31.96	-1.27	1025.70	54.4	32.11	-1.29	1025.82
29.2	31.42	-1.58	1025.27	41.2	31.96	-1.26	1025.70	54.6	32.10	-1.28	1025.81
29.5	31.44	-1.58	1025.28	41.3	31.96	-1.26	1025.70	54.9	32.11	-1.27	1025.82
29.6	31.43	-1.58	1025.27	41.7	31.96	-1.26	1025.70	55.0	32.10	-1.28	1025.81
29.8	31.44	-1.58	1025.28	41.9	31.97	-1.27	1025.71	55.1	32.10	-1.28	1025.81
30.1	31.44	-1.58	1025.28	42.3	31.96	-1.26	1025.70	55.5	32.10	-1.28	1025.81
30.3	31.45	-1.58	1025.29	42.5	31.96	-1.26	1025.70	55.7	32.11	-1.29	1025.82
30.6	31.44	-1.57	1025.28	42.9	31.97	-1.27	1025.71	56.1	32.10	-1.28	1025.81
31.0	31.45	-1.58	1025.29	43.0	31.96	-1.26	1025.70	56.3	32.12	-1.29	1025.83
31.3	31.44	-1.57	1025.28	43.3	31.98	-1.25	1025.71	56.7	32.10	-1.27	1025.81
31.4	31.46	-1.58	1025.30	43.6	31.97	-1.25	1025.71	57.1	32.13	-1.26	1025.84
31.8	31.48	-1.57	1025.31	44.0	31.98	-1.24	1025.71	57.3	32.12	-1.25	1025.83
32.3	31.51	-1.56	1025.34	44.3	31.99	-1.24	1025.72	57.6	32.13	-1.26	1025.84
32.5	31.52	-1.55	1025.35	44.6	32.00	-1.22	1025.73	57.8	32.12	-1.24	1025.83
32.7	31.53	-1.54	1025.35	44.8	31.99	-1.21	1025.72	58.0	32.12	-1.24	1025.83
32.9	31.55	-1.55	1025.37	45.0	31.99	-1.21	1025.72	58.1	32.13	-1.26	1025.84
33.2	31.54	-1.54	1025.36	45.2	32.00	-1.23	1025.73	58.2	32.13	-1.26	1025.84
33.3	31.56	-1.54	1025.38	45.5	31.98	-1.25	1025.71	58.3	32.12	-1.23	1025.83
33.5	31.54	-1.54	1025.36	45.6	32.00	-1.27	1025.73	58.6	32.14	-1.21	1025.84
33.7	31.55	-1.54	1025.37	46.0	32.01	-1.30	1025.74	58.8	32.14	-1.23	1025.84
33.8	31.56	-1.54	1025.38	46.1	32.01	-1.30	1025.74	59.1	32.14	-1.26	1025.84
34.2	31.58	-1.51	1025.39	46.2	32.00	-1.32	1025.73	59.3	32.13	-1.25	1025.83
34.4	31.60	-1.48	1025.41	46.5	32.03	-1.36	1025.76	59.7	32.12	-1.26	1025.83
34.6	31.62	-1.45	1025.43	46.7	32.03	-1.39	1025.76	59.9	32.14	-1.28	1025.84
35.0	31.66	-1.43	1025.46	47.0	32.04	-1.41	1025.77	60.4	32.14	-1.29	1025.84
35.4	31.68	-1.39	1025.47	47.2	32.03	-1.41	1025.76	60.6	32.14	-1.28	1025.84
35.6	31.69	-1.38	1025.48	47.6	32.05	-1.44	1025.77	61.2	32.14	-1.28	1025.84
35.9	31.69	-1.35	1025.48	47.7	32.04	-1.44	1025.77	61.3	32.14	-1.28	1025.84
36.0	31.70	-1.33	1025.49	48.2	32.05	-1.43	1025.77	61.4	32.15	-1.28	1025.85

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Table A1.82. Station 86081 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
61.7	32.14	-1.27	1025.84	73.2	32.19	-1.24	1025.88	84.7	32.20	-1.19	1025.89
61.8	32.12	-1.24	1025.83	73.5	32.19	-1.24	1025.88	85.0	32.20	-1.19	1025.89
62.0	32.11	-1.18	1025.82	73.7	32.19	-1.24	1025.88	85.2	32.20	-1.19	1025.89
62.3	32.14	-1.15	1025.84	74.1	32.19	-1.24	1025.88	85.3	32.21	-1.20	1025.90
62.6	32.14	-1.12	1025.84	74.3	32.18	-1.24	1025.88	85.6	32.21	-1.19	1025.90
62.9	32.15	-1.11	1025.85	74.6	32.19	-1.24	1025.88	85.8	32.21	-1.19	1025.90
63.4	32.16	-1.09	1025.85	74.8	32.19	-1.24	1025.88	85.9	32.21	-1.20	1025.90
63.5	32.15	-1.07	1025.85	75.0	32.19	-1.24	1025.88	86.2	32.21	-1.19	1025.90
63.9	32.15	-1.07	1025.85	75.1	32.19	-1.24	1025.88	86.3	32.21	-1.20	1025.90
64.1	32.16	-1.07	1025.85	75.2	32.19	-1.25	1025.88	86.5	32.21	-1.20	1025.90
64.4	32.15	-1.05	1025.85	75.3	32.19	-1.24	1025.88	86.8	32.21	-1.19	1025.90
64.5	32.15	-1.06	1025.85	75.6	32.19	-1.24	1025.88	87.2	32.21	-1.20	1025.90
64.7	32.15	-1.06	1025.85	75.8	32.17	-1.23	1025.87	87.4	32.20	-1.20	1025.89
65.0	32.15	-1.05	1025.85	76.2	32.16	-1.23	1025.86	87.7	32.21	-1.20	1025.90
65.2	32.16	-1.07	1025.85	76.4	32.18	-1.24	1025.88	87.9	32.21	-1.20	1025.90
65.3	32.16	-1.09	1025.85	76.9	32.17	-1.24	1025.87	88.2	32.21	-1.20	1025.90
65.6	32.15	-1.10	1025.85	77.1	32.19	-1.24	1025.88	88.5	32.21	-1.20	1025.90
65.8	32.16	-1.12	1025.86	77.5	32.18	-1.24	1025.88	88.7	32.19	-1.19	1025.88
66.0	32.17	-1.12	1025.86	77.8	32.17	-1.23	1025.87	88.9	32.21	-1.20	1025.90
66.3	32.19	-1.14	1025.88	78.0	32.19	-1.23	1025.88	89.0	32.21	-1.20	1025.90
66.6	32.18	-1.14	1025.87	78.2	32.19	-1.24	1025.88	89.4	32.20	-1.20	1025.89
66.7	32.18	-1.16	1025.87	78.3	32.19	-1.24	1025.88	89.5	32.20	-1.19	1025.89
67.1	32.18	-1.18	1025.87	78.4	32.19	-1.24	1025.88	89.6	32.19	-1.19	1025.88
67.4	32.17	-1.18	1025.87	78.6	32.19	-1.24	1025.88	89.9	32.21	-1.20	1025.90
67.7	32.19	-1.19	1025.88	78.8	32.20	-1.25	1025.89	90.2	32.20	-1.19	1025.89
67.9	32.17	-1.18	1025.87	79.2	32.19	-1.23	1025.88	90.4	32.22	-1.20	1025.91
68.2	32.20	-1.21	1025.89	79.4	32.18	-1.24	1025.88	90.6	32.22	-1.21	1025.91
68.4	32.19	-1.21	1025.88	79.9	32.18	-1.24	1025.88	90.8	32.20	-1.19	1025.89
68.5	32.19	-1.22	1025.88	80.1	32.19	-1.24	1025.88	91.0	32.22	-1.21	1025.91
68.8	32.19	-1.23	1025.88	80.5	32.18	-1.23	1025.87	91.4	32.21	-1.20	1025.90
69.0	32.18	-1.22	1025.87	80.6	32.20	-1.23	1025.89	91.5	32.21	-1.20	1025.90
69.3	32.18	-1.23	1025.87	80.9	32.19	-1.23	1025.88	91.9	32.21	-1.20	1025.90
69.6	32.20	-1.25	1025.89	81.0	32.20	-1.22	1025.89	92.1	32.21	-1.20	1025.90
69.9	32.18	-1.24	1025.88	81.2	32.20	-1.23	1025.89	92.5	32.20	-1.20	1025.89
70.0	32.18	-1.23	1025.87	81.6	32.19	-1.22	1025.88	92.7	32.21	-1.21	1025.90
70.4	32.18	-1.23	1025.87	81.9	32.19	-1.22	1025.88	93.0	32.21	-1.21	1025.90
70.7	32.19	-1.24	1025.88	82.0	32.19	-1.22	1025.88	93.2	32.21	-1.20	1025.90
70.8	32.19	-1.24	1025.88	82.4	32.19	-1.22	1025.88	93.3	32.21	-1.20	1025.90
71.0	32.20	-1.25	1025.89	82.6	32.19	-1.22	1025.88	93.4	32.21	-1.22	1025.90
71.3	32.19	-1.24	1025.88	82.9	32.18	-1.21	1025.87	93.6	32.21	-1.22	1025.90
71.4	32.19	-1.24	1025.88	83.0	32.19	-1.22	1025.88	94.0	32.22	-1.22	1025.91
71.5	32.19	-1.24	1025.88	83.2	32.20	-1.22	1025.89	94.1	32.21	-1.22	1025.90
71.9	32.18	-1.23	1025.87	83.5	32.19	-1.21	1025.88	94.4	32.21	-1.22	1025.90
72.1	32.18	-1.23	1025.87	83.7	32.19	-1.20	1025.88	94.8	32.21	-1.22	1025.90
72.5	32.19	-1.24	1025.88	84.0	32.19	-1.20	1025.88	95.2	32.23	-1.23	1025.92
72.9	32.19	-1.24	1025.88	84.4	32.20	-1.19	1025.89	95.4	32.22	-1.22	1025.91

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Table A1.82. Station 86081 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
95.5	32.22	-1.22	1025.91	107.0	32.23	-1.25	1025.92	119.0	32.26	-1.27	1025.94
95.9	32.23	-1.23	1025.92	107.1	32.23	-1.25	1025.92	119.5	32.26	-1.27	1025.94
96.0	32.21	-1.22	1025.90	107.5	32.23	-1.25	1025.92	119.6	32.24	-1.26	1025.92
96.2	32.21	-1.22	1025.90	107.9	32.23	-1.25	1025.92	120.0	32.25	-1.26	1025.93
96.4	32.22	-1.22	1025.91	108.2	32.22	-1.25	1025.91	120.2	32.24	-1.26	1025.92
96.6	32.23	-1.23	1025.92	108.6	32.22	-1.25	1025.91	120.3	32.25	-1.26	1025.93
96.8	32.23	-1.23	1025.92	109.0	32.23	-1.25	1025.92	120.6	32.25	-1.26	1025.93
97.0	32.20	-1.22	1025.89	109.5	32.23	-1.26	1025.92	120.8	32.25	-1.26	1025.93
97.3	32.22	-1.22	1025.91	109.6	32.23	-1.25	1025.92	121.0	32.25	-1.26	1025.93
97.5	32.22	-1.23	1025.91	109.7	32.24	-1.26	1025.92	121.1	32.25	-1.26	1025.93
98.0	32.22	-1.23	1025.91	109.9	32.23	-1.25	1025.92	121.4	32.23	-1.26	1025.92
98.3	32.22	-1.23	1025.91	110.1	32.24	-1.26	1025.92	121.7	32.23	-1.26	1025.92
98.5	32.22	-1.23	1025.91	110.2	32.23	-1.25	1025.92	121.9	32.25	-1.26	1025.93
98.9	32.22	-1.24	1025.91	110.6	32.24	-1.26	1025.92	122.1	32.23	-1.26	1025.92
99.1	32.21	-1.24	1025.90	110.8	32.24	-1.26	1025.92	122.5	32.26	-1.27	1025.94
99.4	32.21	-1.23	1025.90	111.2	32.22	-1.25	1025.91	122.8	32.25	-1.27	1025.93
99.5	32.23	-1.24	1025.92	111.4	32.23	-1.26	1025.92	122.9	32.26	-1.27	1025.94
99.6	32.22	-1.24	1025.91	112.2	32.23	-1.25	1025.92	123.3	32.25	-1.27	1025.93
99.8	32.22	-1.24	1025.91	112.4	32.23	-1.25	1025.92	123.6	32.27	-1.27	1025.95
99.9	32.21	-1.23	1025.90	112.7	32.23	-1.26	1025.92	123.7	32.27	-1.27	1025.95
100.1	32.23	-1.24	1025.92	112.8	32.23	-1.25	1025.92	124.0	32.26	-1.27	1025.94
100.4	32.22	-1.24	1025.91	112.9	32.23	-1.26	1025.92	124.3	32.27	-1.28	1025.95
100.7	32.22	-1.25	1025.91	113.3	32.24	-1.26	1025.92	124.7	32.27	-1.28	1025.95
101.1	32.23	-1.24	1025.92	113.4	32.24	-1.26	1025.92	124.9	32.28	-1.32	1025.96
101.5	32.23	-1.24	1025.92	113.7	32.23	-1.25	1025.92	125.3	32.30	-1.33	1025.97
101.7	32.23	-1.24	1025.92	114.0	32.23	-1.25	1025.92	125.5	32.30	-1.34	1025.98
102.1	32.23	-1.25	1025.92	114.4	32.24	-1.26	1025.92	125.6	32.31	-1.34	1025.98
102.3	32.23	-1.24	1025.92	114.6	32.24	-1.25	1025.92	125.8	32.31	-1.35	1025.98
102.7	32.23	-1.25	1025.92	114.8	32.24	-1.25	1025.92	125.9	32.31	-1.34	1025.98
102.8	32.22	-1.24	1025.91	114.9	32.23	-1.25	1025.92	126.1	32.30	-1.35	1025.98
103.1	32.22	-1.24	1025.91	115.2	32.23	-1.25	1025.92	126.2	32.29	-1.35	1025.97
103.3	32.23	-1.25	1025.92	115.3	32.25	-1.26	1025.93	126.6	32.31	-1.36	1025.98
103.4	32.23	-1.25	1025.92	115.5	32.25	-1.26	1025.93	126.8	32.31	-1.36	1025.98
103.9	32.22	-1.24	1025.91	115.8	32.24	-1.25	1025.92	127.1	32.31	-1.37	1025.98
104.2	32.21	-1.24	1025.90	116.0	32.25	-1.26	1025.93	127.4	32.32	-1.37	1025.99
104.7	32.22	-1.24	1025.91	116.4	32.24	-1.25	1025.92	127.6	32.33	-1.38	1026.00
105.0	32.23	-1.25	1025.92	116.6	32.24	-1.26	1025.92	127.7	32.33	-1.37	1026.00
105.4	32.23	-1.25	1025.92	117.0	32.25	-1.26	1025.93	128.0	32.35	-1.38	1026.02
105.7	32.23	-1.25	1025.92	117.2	32.24	-1.26	1025.92	128.1	32.33	-1.38	1026.00
105.8	32.23	-1.25	1025.92	117.5	32.24	-1.26	1025.92	128.2	32.35	-1.38	1026.02
106.0	32.23	-1.25	1025.92	117.6	32.25	-1.26	1025.93	128.5	32.37	-1.37	1026.03
106.2	32.23	-1.25	1025.92	117.9	32.24	-1.26	1025.92	128.8	32.38	-1.36	1026.04
106.4	32.23	-1.25	1025.92	118.0	32.24	-1.26	1025.92	129.1	32.38	-1.37	1026.04
106.5	32.22	-1.24	1025.91	118.2	32.24	-1.26	1025.92	129.2	32.39	-1.36	1026.05
106.7	32.23	-1.25	1025.92	118.5	32.24	-1.26	1025.92	129.6	32.41	-1.33	1026.06
106.8	32.24	-1.25	1025.92	118.7	32.25	-1.26	1025.93	130.1	32.41	-1.32	1026.06

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Table A1.82. Station 86081 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
130.2	32.42	-1.32	1026.07	139.0	32.55	-1.45	1026.18	145.7	32.61	-1.48	1026.23
130.3	32.42	-1.32	1026.07	139.1	32.56	-1.45	1026.19	145.9	32.62	-1.48	1026.24
130.6	32.44	-1.32	1026.09	139.2	32.56	-1.45	1026.19	146.1	32.63	-1.48	1026.25
130.7	32.42	-1.32	1026.07	139.3	32.56	-1.45	1026.19	146.2	32.65	-1.49	1026.26
130.8	32.45	-1.32	1026.10	139.5	32.56	-1.45	1026.19	146.5	32.65	-1.49	1026.26
131.3	32.45	-1.32	1026.10	139.7	32.56	-1.45	1026.19	146.7	32.65	-1.49	1026.26
131.6	32.45	-1.32	1026.10	139.9	32.56	-1.45	1026.19	146.8	32.65	-1.49	1026.26
131.9	32.47	-1.34	1026.11	140.2	32.56	-1.45	1026.19	147.2	32.68	-1.49	1026.29
132.0	32.47	-1.35	1026.11	140.4	32.56	-1.45	1026.19	147.3	32.68	-1.49	1026.29
132.4	32.46	-1.35	1026.11	140.6	32.58	-1.46	1026.21	147.6	32.68	-1.49	1026.29
132.5	32.47	-1.35	1026.11	140.7	32.57	-1.45	1026.20	147.7	32.68	-1.49	1026.29
132.7	32.46	-1.36	1026.11	140.8	32.58	-1.46	1026.21	147.8	32.68	-1.49	1026.29
132.8	32.48	-1.36	1026.12	140.9	32.56	-1.45	1026.19	148.1	32.69	-1.49	1026.30
132.9	32.49	-1.36	1026.13	141.2	32.57	-1.45	1026.20	148.5	32.70	-1.50	1026.30
133.2	32.49	-1.37	1026.13	141.4	32.58	-1.46	1026.21	148.6	32.69	-1.49	1026.30
133.4	32.49	-1.38	1026.13	141.5	32.58	-1.46	1026.21	148.8	32.69	-1.49	1026.30
133.7	32.50	-1.39	1026.14	141.8	32.58	-1.46	1026.21	148.9	32.69	-1.49	1026.30
133.8	32.51	-1.40	1026.15	142.0	32.57	-1.46	1026.20	149.1	32.69	-1.49	1026.30
134.3	32.52	-1.42	1026.16	142.3	32.57	-1.46	1026.20	149.2	32.69	-1.49	1026.30
134.5	32.50	-1.42	1026.14	142.4	32.57	-1.46	1026.20	149.4	32.70	-1.50	1026.30
134.8	32.52	-1.42	1026.16	142.5	32.58	-1.46	1026.21	149.6	32.70	-1.49	1026.30
135.0	32.54	-1.43	1026.17	142.8	32.58	-1.47	1026.21	149.8	32.70	-1.49	1026.30
135.2	32.51	-1.43	1026.15	142.9	32.57	-1.47	1026.20	150.0	32.69	-1.49	1026.30
135.5	32.54	-1.44	1026.17	143.1	32.57	-1.47	1026.20	150.2	32.68	-1.49	1026.29
135.8	32.55	-1.44	1026.18	143.4	32.58	-1.47	1026.21	150.4	32.71	-1.50	1026.31
136.0	32.54	-1.45	1026.17	143.5	32.60	-1.48	1026.22	150.5	32.70	-1.49	1026.30
136.1	32.56	-1.44	1026.19	143.6	32.60	-1.48	1026.22	150.7	32.70	-1.50	1026.30
136.5	32.54	-1.44	1026.17	143.8	32.58	-1.47	1026.21	150.9	32.70	-1.49	1026.30
136.6	32.55	-1.44	1026.18	143.9	32.59	-1.47	1026.21	151.0	32.70	-1.49	1026.30
136.9	32.54	-1.44	1026.17	144.1	32.59	-1.47	1026.21	151.2	32.71	-1.50	1026.31
137.0	32.56	-1.44	1026.19	144.4	32.59	-1.47	1026.21	151.3	32.71	-1.50	1026.31
137.2	32.56	-1.44	1026.19	144.5	32.60	-1.48	1026.22	151.4	32.70	-1.49	1026.30
137.5	32.56	-1.44	1026.19	144.6	32.60	-1.48	1026.22	151.5	32.71	-1.50	1026.31
137.7	32.57	-1.45	1026.20	144.8	32.60	-1.48	1026.22	151.7	32.71	-1.50	1026.31
137.8	32.56	-1.44	1026.19	144.9	32.60	-1.48	1026.22	151.8	32.70	-1.49	1026.30
138.0	32.57	-1.45	1026.20	145.0	32.59	-1.48	1026.21	151.9	32.70	-1.50	1026.30
138.1	32.56	-1.44	1026.19	145.1	32.60	-1.47	1026.22	152.1	32.71	-1.50	1026.31
138.2	32.56	-1.44	1026.19	145.2	32.61	-1.48	1026.23	152.3	32.71	-1.50	1026.31
138.3	32.54	-1.44	1026.17	145.4	32.61	-1.48	1026.23	152.4	32.70	-1.49	1026.30
138.6	32.55	-1.45	1026.18	145.5	32.60	-1.48	1026.22	152.5	32.70	-1.50	1026.30
138.8	32.56	-1.45	1026.19	145.6	32.61	-1.48	1026.23	152.6	32.71	-1.50	1026.31

STATION: 86082 DATE: 16 September

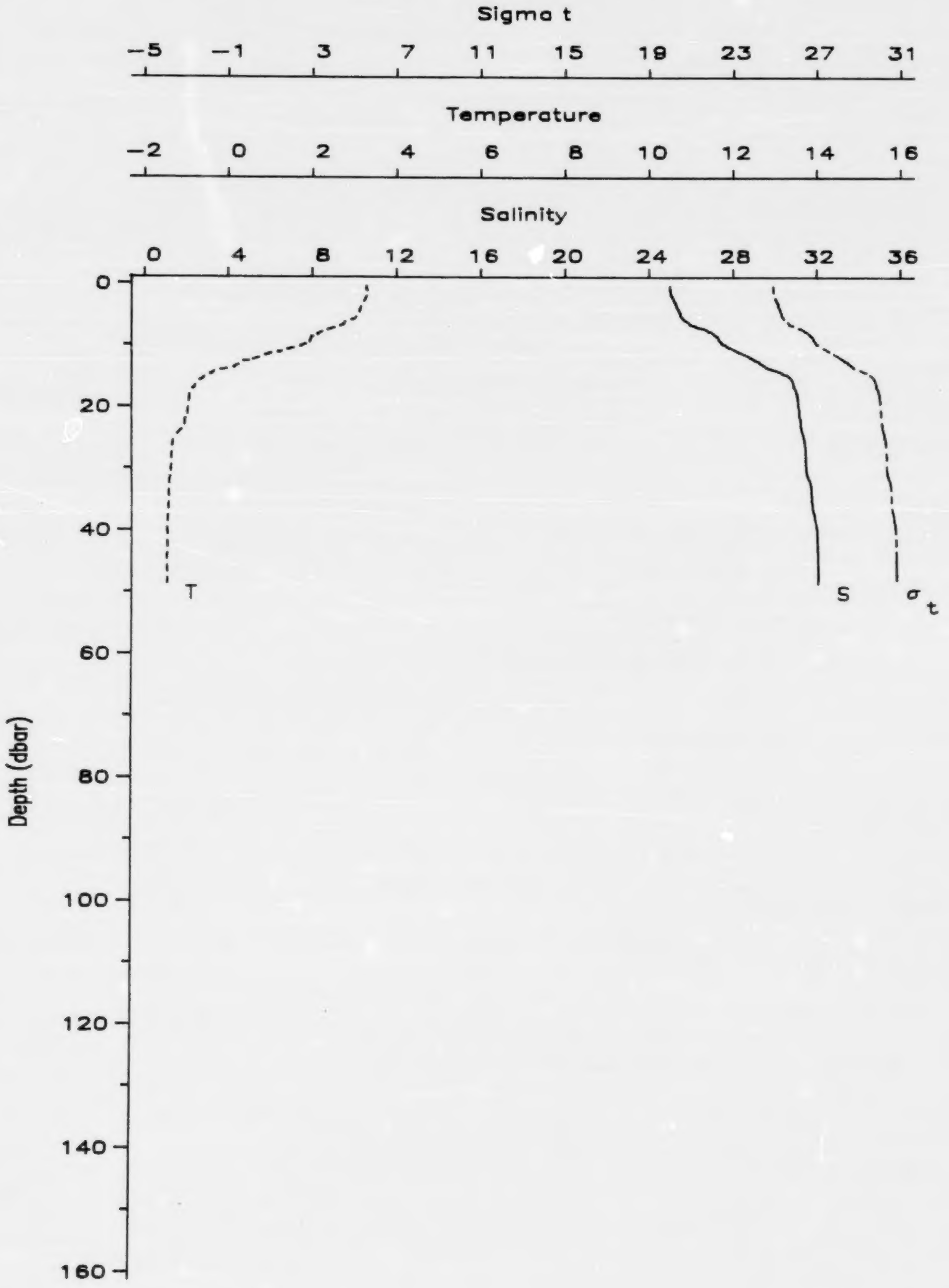

Table A1.83. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86082, September 16, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	25.00	3.26	1019.90	8.7	27.29	1.96	1021.80	17.0	30.93	-0.83	1024.85
0.5	25.00	3.26	1019.90	9.0	27.30	1.95	1021.81	17.1	30.97	-0.86	1024.88
0.6	25.00	3.26	1019.90	9.3	27.34	1.94	1021.84	17.4	31.02	-0.90	1024.93
0.8	24.99	3.26	1019.89	9.5	27.42	1.92	1021.91	17.7	31.03	-0.91	1024.93
0.9	25.00	3.25	1019.90	9.6	27.45	1.91	1021.93	17.9	31.05	-0.92	1024.95
1.1	25.01	3.29	1019.90	9.8	27.44	1.93	1021.92	18.0	31.08	-0.94	1024.98
1.5	25.04	3.30	1019.92	9.9	27.53	1.84	1022.00	18.1	31.08	-0.93	1024.98
1.6	25.05	3.30	1019.93	10.0	27.62	1.77	1022.08	18.3	31.07	-0.93	1024.97
1.7	25.05	3.30	1019.93	10.2	27.68	1.72	1022.13	18.5	31.10	-0.94	1024.99
1.9	25.05	3.30	1019.93	10.4	27.77	1.65	1022.20	18.9	31.11	-0.94	1025.00
2.0	25.07	3.28	1019.95	10.6	27.96	1.47	1022.37	19.2	31.12	-0.95	1025.01
2.2	25.13	3.25	1020.00	10.9	28.10	1.36	1022.48	19.5	31.12	-0.95	1025.01
2.6	25.16	3.23	1020.02	11.1	28.23	1.22	1022.59	19.6	31.12	-0.95	1025.01
2.7	25.20	3.21	1020.06	11.2	28.20	1.25	1022.57	19.9	31.12	-0.96	1025.01
2.8	25.20	3.22	1020.06	11.3	28.35	1.06	1022.70	20.1	31.14	-0.96	1025.02
3.0	25.21	3.19	1020.07	11.5	28.50	0.96	1022.82	20.5	31.16	-0.97	1025.04
3.1	25.27	3.16	1020.12	11.8	28.70	0.83	1022.99	20.6	31.16	-0.97	1025.04
3.2	25.27	3.14	1020.12	12.1	28.82	0.73	1023.09	20.8	31.15	-0.98	1025.03
3.3	25.28	3.15	1020.13	12.2	28.90	0.67	1023.16	21.0	31.17	-0.98	1025.05
3.5	25.28	3.14	1020.13	12.5	29.05	0.55	1023.28	21.1	31.16	-0.97	1025.04
3.6	25.30	3.13	1020.14	12.6	29.02	0.58	1023.26	21.2	31.16	-0.97	1025.04
3.7	25.30	3.13	1020.14	12.7	29.24	0.31	1023.45	21.3	31.16	-0.97	1025.04
4.0	25.34	3.12	1020.18	13.0	29.27	0.32	1023.47	21.5	31.17	-0.98	1025.05
4.1	25.36	3.12	1020.19	13.1	29.36	0.27	1023.55	21.7	31.19	-1.02	1025.07
4.3	25.42	3.10	1020.24	13.3	29.44	0.22	1023.61	22.1	31.23	-1.04	1025.10
4.4	25.43	3.10	1020.25	13.4	29.52	0.17	1023.68	22.2	31.24	-1.05	1025.11
4.6	25.43	3.10	1020.25	13.6	29.56	0.15	1023.71	22.3	31.24	-1.05	1025.11
4.8	25.48	3.08	1020.29	13.7	29.61	0.14	1023.75	22.4	31.24	-1.05	1025.11
5.3	25.51	3.07	1020.31	13.8	29.71	0.05	1023.84	22.6	31.23	-1.04	1025.10
5.4	25.54	3.03	1020.34	13.9	29.77	0.00	1023.89	22.7	31.23	-1.05	1025.10
5.7	25.62	2.99	1020.41	14.1	30.01	-0.22	1024.09	22.8	31.24	-1.05	1025.11
5.8	25.63	2.98	1020.42	14.3	30.17	-0.34	1024.22	22.9	31.24	-1.05	1025.11
5.9	25.66	2.93	1020.44	14.5	30.32	-0.38	1024.34	23.1	31.23	-1.05	1025.10
6.3	25.88	2.75	1020.63	14.7	30.32	-0.37	1024.34	23.2	31.24	-1.06	1025.11
6.7	25.95	2.73	1020.69	14.8	30.47	-0.46	1024.47	23.4	31.26	-1.09	1025.13
6.9	26.17	2.66	1020.87	14.9	30.60	-0.53	1024.57	23.7	31.28	-1.11	1025.14
7.0	26.23	2.62	1020.92	15.3	30.71	-0.59	1024.67	23.9	31.30	-1.15	1025.16
7.2	26.32	2.60	1020.99	15.4	30.76	-0.61	1024.71	24.2	31.34	-1.19	1025.19
7.3	26.58	2.46	1021.21	15.5	30.76	-0.61	1024.71	24.3	31.34	-1.20	1025.19
7.6	26.76	2.35	1021.36	15.7	30.81	-0.66	1024.75	24.4	31.37	-1.22	1025.22
7.8	26.82	2.31	1021.41	15.9	30.85	-0.75	1024.78	24.5	31.37	-1.24	1025.22
7.9	26.97	2.21	1021.53	16.3	30.88	-0.77	1024.81	24.7	31.38	-1.26	1025.23
8.3	27.10	2.10	1021.64	16.5	30.90	-0.80	1024.83	25.0	31.40	-1.28	1025.24
8.4	27.08	2.13	1021.62	16.6	30.91	-0.80	1024.83	25.2	31.40	-1.30	1025.24
8.5	27.19	2.03	1021.72	16.8	30.91	-0.81	1024.83	25.4	31.44	-1.32	1025.28
8.6	27.21	2.03	1021.73	16.9	30.91	-0.80	1024.83	25.5	31.44	-1.32	1025.28

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Table A1.83. Station 86082 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
25.6	31.45	-1.33	1025.29	32.8	31.75	-1.42	1025.53	41.2	32.05	-1.46	1025.78
25.8	31.44	-1.32	1025.28	33.0	31.76	-1.42	1025.54	41.3	32.04	-1.46	1025.77
25.9	31.45	-1.33	1025.29	33.2	31.76	-1.42	1025.54	41.4	32.05	-1.46	1025.78
26.0	31.43	-1.33	1025.27	33.3	31.76	-1.42	1025.54	41.5	32.05	-1.46	1025.78
26.3	31.46	-1.34	1025.29	33.5	31.77	-1.42	1025.55	41.7	32.05	-1.46	1025.78
26.4	31.46	-1.34	1025.29	33.7	31.77	-1.42	1025.55	41.8	32.04	-1.46	1025.77
26.6	31.48	-1.35	1025.31	33.9	31.78	-1.42	1025.56	41.9	32.05	-1.46	1025.78
26.7	31.47	-1.35	1025.30	34.0	31.76	-1.42	1025.54	42.0	32.04	-1.46	1025.77
27.0	31.48	-1.35	1025.31	34.2	31.78	-1.42	1025.56	42.3	32.07	-1.46	1025.79
27.1	31.48	-1.35	1025.31	34.3	31.77	-1.42	1025.55	42.4	32.07	-1.46	1025.79
27.3	31.48	-1.35	1025.31	34.5	31.79	-1.42	1025.56	42.5	32.07	-1.46	1025.79
27.4	31.48	-1.35	1025.31	34.6	31.79	-1.42	1025.56	42.7	32.06	-1.46	1025.78
27.6	31.49	-1.36	1025.32	34.8	31.78	-1.42	1025.56	42.9	32.07	-1.46	1025.79
27.9	31.50	-1.36	1025.33	35.0	31.78	-1.42	1025.56	43.2	32.07	-1.46	1025.79
28.1	31.50	-1.36	1025.33	35.3	31.79	-1.42	1025.56	43.3	32.05	-1.46	1025.78
28.2	31.50	-1.36	1025.33	35.4	31.79	-1.42	1025.56	43.4	32.06	-1.46	1025.78
28.5	31.49	-1.36	1025.32	35.5	31.79	-1.42	1025.56	43.5	32.08	-1.47	1025.80
28.6	31.50	-1.36	1025.33	35.6	31.81	-1.42	1025.58	43.6	32.08	-1.46	1025.80
28.7	31.50	-1.36	1025.33	35.9	31.82	-1.42	1025.59	43.9	32.07	-1.46	1025.79
28.9	31.50	-1.36	1025.33	36.1	31.83	-1.43	1025.60	44.0	32.09	-1.47	1025.81
29.0	31.50	-1.36	1025.33	36.4	31.82	-1.43	1025.59	44.3	32.08	-1.46	1025.80
29.1	31.50	-1.36	1025.33	36.8	31.85	-1.43	1025.61	44.5	32.09	-1.47	1025.81
29.2	31.50	-1.36	1025.33	36.9	31.84	-1.43	1025.60	44.6	32.08	-1.47	1025.80
29.3	31.52	-1.36	1025.34	37.0	31.86	-1.43	1025.62	44.8	32.08	-1.46	1025.80
29.5	31.50	-1.36	1025.33	37.1	31.86	-1.43	1025.62	44.9	32.08	-1.46	1025.80
29.7	31.52	-1.37	1025.34	37.5	31.91	-1.44	1025.66	45.0	32.08	-1.46	1025.80
30.0	31.52	-1.37	1025.34	37.7	31.92	-1.44	1025.67	45.1	32.08	-1.46	1025.80
30.1	31.52	-1.37	1025.34	38.0	31.93	-1.45	1025.68	45.5	32.10	-1.46	1025.82
30.3	31.52	-1.37	1025.34	38.2	31.93	-1.45	1025.68	45.6	32.09	-1.47	1025.81
30.5	31.54	-1.37	1025.36	38.3	31.92	-1.45	1025.67	45.9	32.09	-1.46	1025.81
30.6	31.55	-1.38	1025.37	38.5	31.95	-1.45	1025.69	46.0	32.10	-1.46	1025.82
30.7	31.54	-1.37	1025.36	38.6	31.96	-1.45	1025.70	46.1	32.09	-1.46	1025.81
30.8	31.55	-1.38	1025.37	39.0	31.98	-1.46	1025.72	46.5	32.10	-1.46	1025.82
31.0	31.55	-1.37	1025.37	39.3	32.01	-1.46	1025.74	46.9	32.10	-1.46	1025.82
31.1	31.57	-1.38	1025.38	39.5	32.01	-1.46	1025.74	47.1	32.10	-1.46	1025.82
31.2	31.59	-1.38	1025.40	39.6	32.00	-1.45	1025.73	47.2	32.10	-1.46	1025.82
31.3	31.59	-1.38	1025.40	39.7	32.02	-1.46	1025.75	47.3	32.09	-1.46	1025.81
31.4	31.63	-1.39	1025.43	39.8	32.03	-1.46	1025.76	47.5	32.09	-1.46	1025.81
31.7	31.63	-1.40	1025.43	40.1	32.04	-1.47	1025.77	47.6	32.10	-1.47	1025.82
31.9	31.69	-1.41	1025.48	40.2	32.03	-1.46	1025.76	47.7	32.08	-1.46	1025.80
32.1	31.71	-1.41	1025.50	40.3	32.03	-1.46	1025.76	47.8	32.10	-1.46	1025.82
32.3	31.70	-1.41	1025.49	40.4	32.03	-1.46	1025.76	48.2	32.10	-1.46	1025.82
32.4	31.71	-1.41	1025.50	40.7	32.05	-1.46	1025.78	48.3	32.09	-1.46	1025.81
32.5	31.74	-1.41	1025.52	41.1	32.06	-1.47	1025.78	48.7	32.09	-1.47	1025.81

STATION: 86083 DATE: 16 September

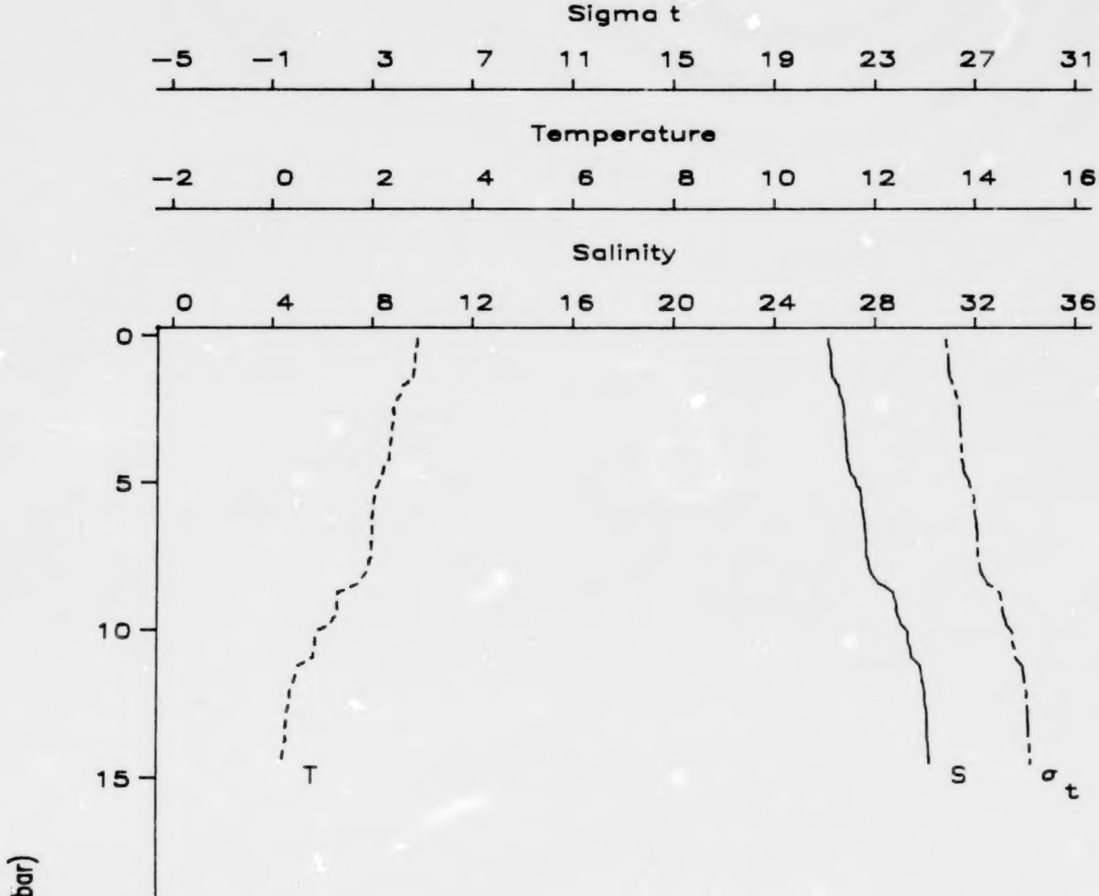

Table A1.84. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86083, September 16, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	26.14	2.88	1020.83	4.9	27.21	2.13	1021.73	10.0	29.24	0.91	1023.42
0.3	26.15	2.87	1020.84	5.1	27.26	2.08	1021.77	10.1	29.29	0.85	1023.46
0.5	26.22	2.84	1020.89	5.2	27.37	2.04	1021.86	10.4	29.29	0.84	1023.46
0.6	26.25	2.83	1020.92	5.5	27.45	2.02	1021.93	10.5	29.34	0.85	1023.50
0.9	26.26	2.83	1020.93	5.7	27.46	2.00	1021.94	10.6	29.39	0.82	1023.55
1.0	26.26	2.83	1020.93	5.8	27.47	1.99	1021.94	10.9	29.43	0.80	1023.58
1.1	26.26	2.82	1020.93	5.9	27.49	1.99	1021.96	11.0	29.53	0.71	1023.66
1.2	26.28	2.81	1020.94	6.1	27.52	1.98	1021.99	11.1	29.66	0.61	1023.77
1.4	26.31	2.79	1020.97	6.2	27.54	1.97	1022.00	11.2	29.77	0.50	1023.87
1.5	26.39	2.72	1021.04	6.3	27.57	1.97	1022.03	11.3	29.78	0.48	1023.87
1.6	26.43	2.68	1021.07	6.4	27.56	1.98	1022.02	11.5	29.82	0.46	1023.91
1.7	26.53	2.59	1021.16	6.5	27.58	1.98	1022.03	11.6	29.85	0.44	1023.93
1.9	26.58	2.56	1021.20	6.7	27.61	1.97	1022.06	11.7	29.85	0.43	1023.93
2.0	26.59	2.54	1021.21	6.9	27.63	1.97	1022.07	11.8	29.88	0.40	1023.96
2.1	26.66	2.49	1021.27	7.0	27.64	1.96	1022.08	12.0	29.93	0.35	1024.00
2.2	26.70	2.46	1021.30	7.3	27.63	1.96	1022.07	12.1	29.95	0.34	1024.02
2.3	26.72	2.42	1021.32	7.4	27.65	1.96	1022.09	12.2	29.93	0.34	1024.00
2.5	26.78	2.40	1021.37	7.5	27.64	1.96	1022.08	12.3	29.95	0.34	1024.02
2.6	26.77	2.42	1021.36	7.6	27.70	1.92	1022.13	12.5	29.98	0.32	1024.04
2.7	26.74	2.43	1021.34	7.9	27.76	1.89	1022.18	12.6	29.99	0.31	1024.05
3.0	26.80	2.39	1021.39	8.0	27.79	1.86	1022.21	12.8	30.03	0.27	1024.08
3.2	26.81	2.37	1021.39	8.1	27.85	1.83	1022.26	13.0	30.03	0.27	1024.08
3.3	26.83	2.37	1021.41	8.4	28.10	1.70	1022.47	13.1	30.04	0.27	1024.09
3.5	26.84	2.36	1021.42	8.5	28.35	1.58	1022.67	13.2	30.04	0.26	1024.09
3.6	26.86	2.34	1021.44	8.6	28.49	1.48	1022.79	13.3	30.05	0.25	1024.10
3.7	26.86	2.34	1021.44	8.7	28.69	1.30	1022.96	13.4	30.05	0.25	1024.10
3.8	26.87	2.33	1021.45	8.9	28.74	1.28	1023.00	13.6	30.05	0.25	1024.10
4.0	26.88	2.32	1021.45	9.0	28.80	1.29	1023.05	13.7	30.04	0.27	1024.09
4.2	26.89	2.31	1021.46	9.1	28.84	1.28	1023.08	13.8	30.08	0.23	1024.13
4.3	26.92	2.27	1021.49	9.3	28.82	1.30	1023.06	13.9	30.09	0.22	1024.14
4.4	26.96	2.23	1021.52	9.5	28.88	1.25	1023.11	14.2	30.11	0.20	1024.15
4.6	26.99	2.20	1021.55	9.6	28.95	1.20	1023.17	14.3	30.12	0.19	1024.16
4.7	27.04	2.18	1021.59	9.8	29.01	1.14	1023.22	14.4	30.13	0.18	1024.17
4.8	27.14	2.16	1021.67	9.9	29.14	1.02	1023.33	14.5	30.12	0.18	1024.16

STATION: 86084 DATE: 16 September

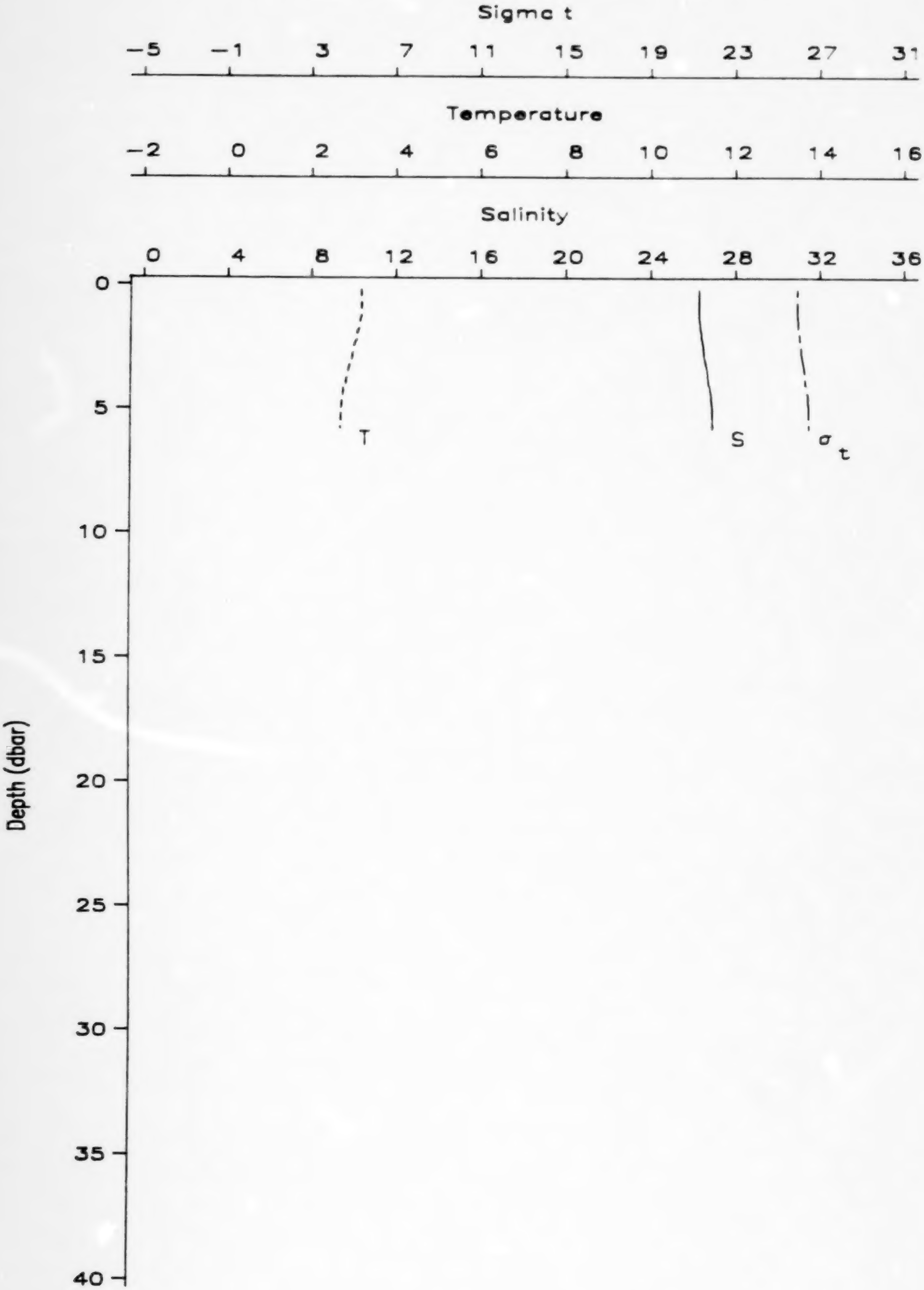

Table A1.85. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86084, September 16, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	26.28	3.14	1020.92	1.9	26.37	3.05	1021.00	4.1	26.78	2.72	1021.35
0.3	26.27	3.15	1020.91	2.0	26.39	3.05	1021.02	4.3	26.82	2.71	1021.38
0.4	26.28	3.15	1020.92	2.2	26.40	3.04	1021.02	4.5	26.85	2.70	1021.41
0.5	26.28	3.15	1020.92	2.4	26.46	2.98	1021.08	4.6	26.86	2.69	1021.41
0.7	26.27	3.16	1020.91	2.5	26.48	2.96	1021.09	4.7	26.87	2.68	1021.42
0.8	26.28	3.15	1020.92	2.7	26.50	2.95	1021.11	4.8	26.86	2.68	1021.42
0.9	26.28	3.15	1020.92	3.0	26.54	2.92	1021.14	5.0	26.90	2.66	1021.45
1.0	26.26	3.15	1020.91	3.1	26.56	2.90	1021.16	5.1	26.89	2.66	1021.44
1.1	26.28	3.15	1020.92	3.2	26.59	2.88	1021.19	5.2	26.91	2.67	1021.46
1.3	26.28	3.14	1020.92	3.4	26.64	2.84	1021.23	5.6	26.92	2.65	1021.46
1.5	26.31	3.11	1020.95	3.6	26.68	2.82	1021.26	5.7	26.91	2.65	1021.46
1.6	26.33	3.10	1020.96	3.9	26.72	2.78	1021.30	5.8	26.91	2.65	1021.46
1.8	26.33	3.09	1020.97	4.0	26.72	2.79	1021.30				

STATION: 86085 DATE: 17 September

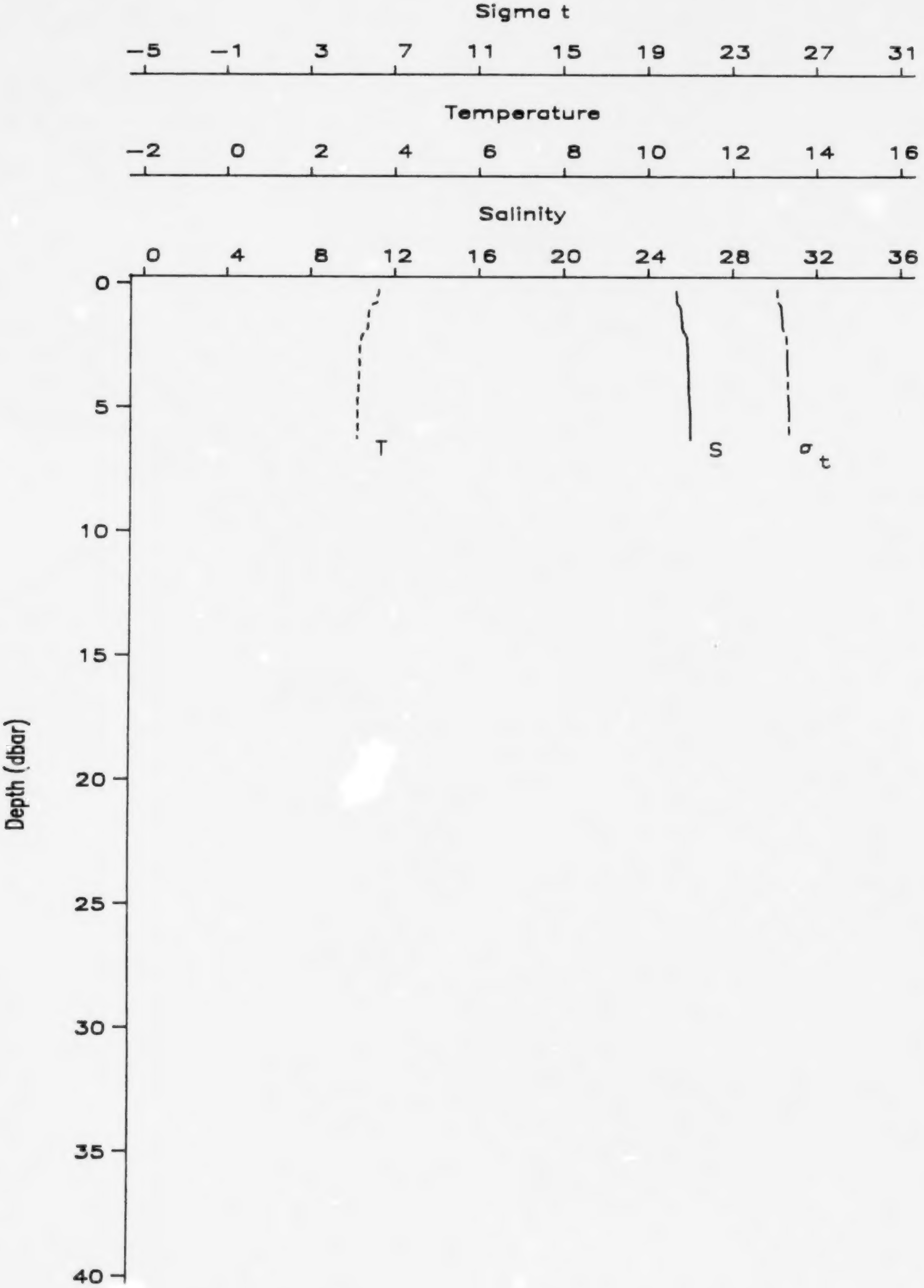

Table A1.86. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86085, September 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	25.32	3.59	1020.13	2.4	25.85	3.16	1020.58	4.6	25.95	3.10	1020.66
0.4	25.32	3.59	1020.13	2.5	25.85	3.15	1020.58	4.7	25.96	3.09	1020.67
0.5	25.34	3.56	1020.14	2.6	25.87	3.14	1020.60	4.8	25.97	3.09	1020.68
0.7	25.35	3.56	1020.15	2.9	25.87	3.14	1020.60	5.0	25.98	3.09	1020.69
0.8	25.37	3.55	1020.17	3.0	25.87	3.14	1020.60	5.1	25.99	3.08	1020.70
0.9	25.48	3.44	1020.26	3.1	25.88	3.13	1020.60	5.2	25.98	3.09	1020.69
1.0	25.54	3.38	1020.32	3.2	25.87	3.14	1020.60	5.3	25.99	3.09	1020.69
1.1	25.56	3.36	1020.33	3.4	25.88	3.13	1020.60	5.4	25.99	3.09	1020.69
1.3	25.58	3.34	1020.35	3.5	25.89	3.13	1020.61	5.6	25.99	3.09	1020.69
1.5	25.60	3.34	1020.37	3.6	25.91	3.12	1020.63	5.8	25.99	3.09	1020.69
1.6	25.60	3.33	1020.37	3.9	25.91	3.12	1020.63	6.0	26.00	3.09	1020.70
1.8	25.61	3.34	1020.37	4.1	25.92	3.11	1020.64	6.1	26.01	3.08	1020.71
1.9	25.64	3.31	1020.40	4.2	25.92	3.11	1020.64	6.2	26.01	3.08	1020.71
2.0	25.71	3.25	1020.46	4.3	25.92	3.11	1020.64	6.3	25.99	3.08	1020.70
2.2	25.83	3.17	1020.56	4.5	25.93	3.10	1020.65				

STATION: 86086 DATE: 17 September

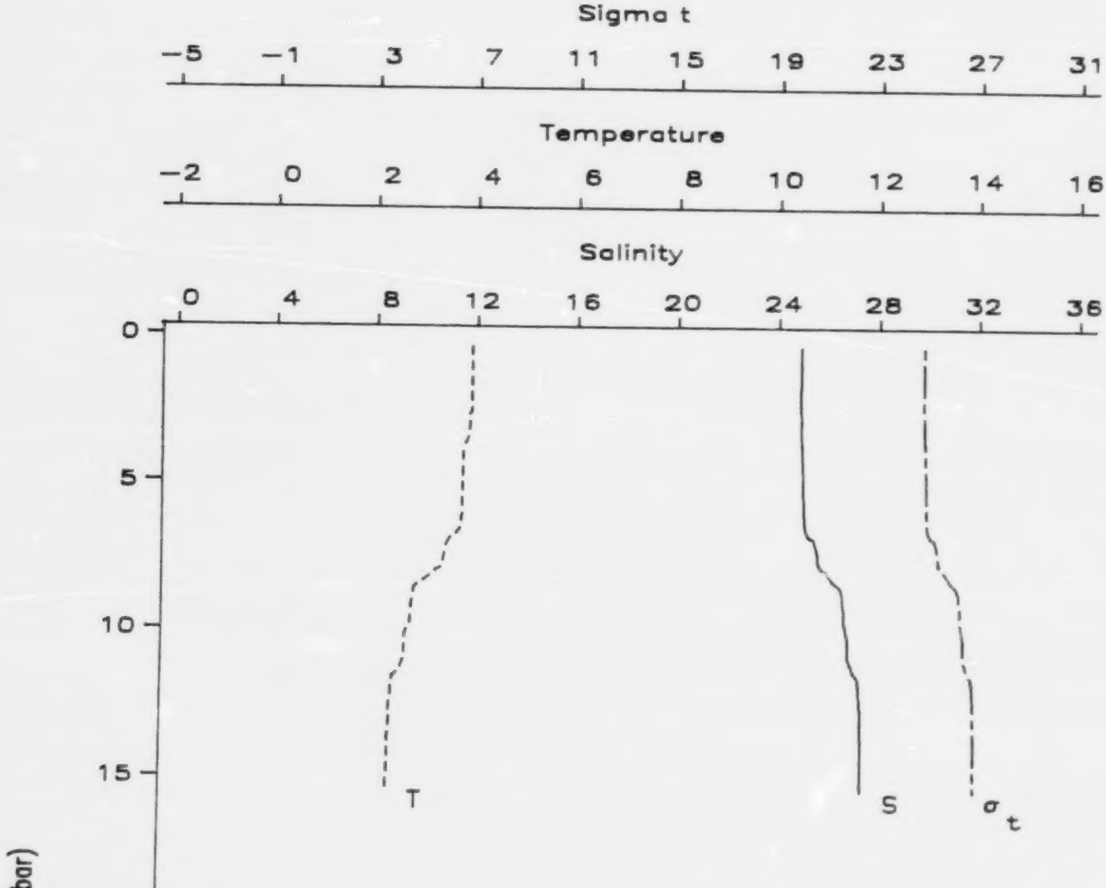

Table A1.87. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86086, September 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.4	24.88	3.86	1019.76	6.2	25.04	3.67	1019.90	11.1	26.89	2.52	1021.45
0.5	24.88	3.87	1019.76	6.3	25.04	3.68	1019.90	11.4	27.02	2.45	1021.56
0.7	24.87	3.87	1019.75	6.4	25.03	3.68	1019.89	11.5	27.12	2.38	1021.64
0.8	24.89	3.87	1019.76	6.6	25.07	3.64	1019.92	11.6	27.21	2.32	1021.72
0.9	24.86	3.87	1019.74	6.7	25.13	3.59	1019.98	11.7	27.23	2.31	1021.73
1.0	24.88	3.88	1019.76	6.8	25.20	3.54	1020.03	11.9	27.26	2.29	1021.76
1.3	24.86	3.88	1019.74	6.9	25.38	3.44	1020.19	12.1	27.26	2.29	1021.76
1.4	24.87	3.87	1019.75	7.2	25.51	3.35	1020.29	12.2	27.27	2.29	1021.77
1.6	24.88	3.87	1019.76	7.3	25.54	3.33	1020.32	12.4	27.30	2.27	1021.79
1.8	24.87	3.87	1019.75	7.4	25.57	3.34	1020.34	12.5	27.30	2.27	1021.79
1.9	24.87	3.87	1019.75	7.7	25.59	3.31	1020.36	12.6	27.30	2.26	1021.79
2.0	24.87	3.87	1019.75	7.8	25.64	3.29	1020.40	12.7	27.32	2.25	1021.81
2.2	24.87	3.87	1019.75	7.9	25.71	3.26	1020.46	12.9	27.31	2.26	1021.80
2.4	24.87	3.88	1019.75	8.0	25.89	3.16	1020.61	13.0	27.31	2.27	1021.80
2.6	24.88	3.87	1019.76	8.3	26.15	2.96	1020.83	13.1	27.31	2.26	1021.80
2.7	24.90	3.83	1019.78	8.5	26.41	2.79	1021.05	13.2	27.32	2.26	1021.81
2.9	24.89	3.83	1019.77	8.6	26.51	2.74	1021.13	13.3	27.33	2.25	1021.82
3.0	24.89	3.84	1019.77	8.9	26.58	2.70	1021.19	13.5	27.33	2.25	1021.82
3.1	24.89	3.84	1019.77	9.0	26.59	2.70	1021.20	13.6	27.32	2.24	1021.81
3.2	24.90	3.82	1019.78	9.2	26.61	2.68	1021.22	13.7	27.34	2.24	1021.83
3.4	24.91	3.81	1019.78	9.4	26.64	2.67	1021.24	14.0	27.33	2.24	1021.82
3.6	24.92	3.78	1019.79	9.7	26.64	2.66	1021.24	14.2	27.34	2.23	1021.83
3.7	24.93	3.74	1019.81	9.8	26.66	2.65	1021.26	14.3	27.34	2.24	1021.83
4.0	24.95	3.70	1019.82	10.1	26.74	2.57	1021.33	14.4	27.34	2.23	1021.83
5.1	24.99	3.69	1019.86	10.3	26.79	2.55	1021.37	14.7	27.33	2.23	1021.82
5.2	24.98	3.70	1019.85	10.4	26.78	2.57	1021.36	14.8	27.33	2.23	1021.82
5.4	24.99	3.69	1019.86	10.5	26.79	2.56	1021.37	15.0	27.34	2.23	1021.83
5.6	25.01	3.68	1019.87	10.6	26.80	2.55	1021.38	15.1	27.35	2.22	1021.84
5.7	25.01	3.68	1019.87	10.8	26.79	2.55	1021.37	15.2	27.34	2.22	1021.83
6.0	25.02	3.69	1019.88	10.9	26.80	2.55	1021.38	15.3	27.35	2.22	1021.84
6.1	25.01	3.69	1019.87	11.0	26.83	2.54	1021.40	15.4	27.36	2.21	1021.84

STATION: 86087 DATE: 17 September

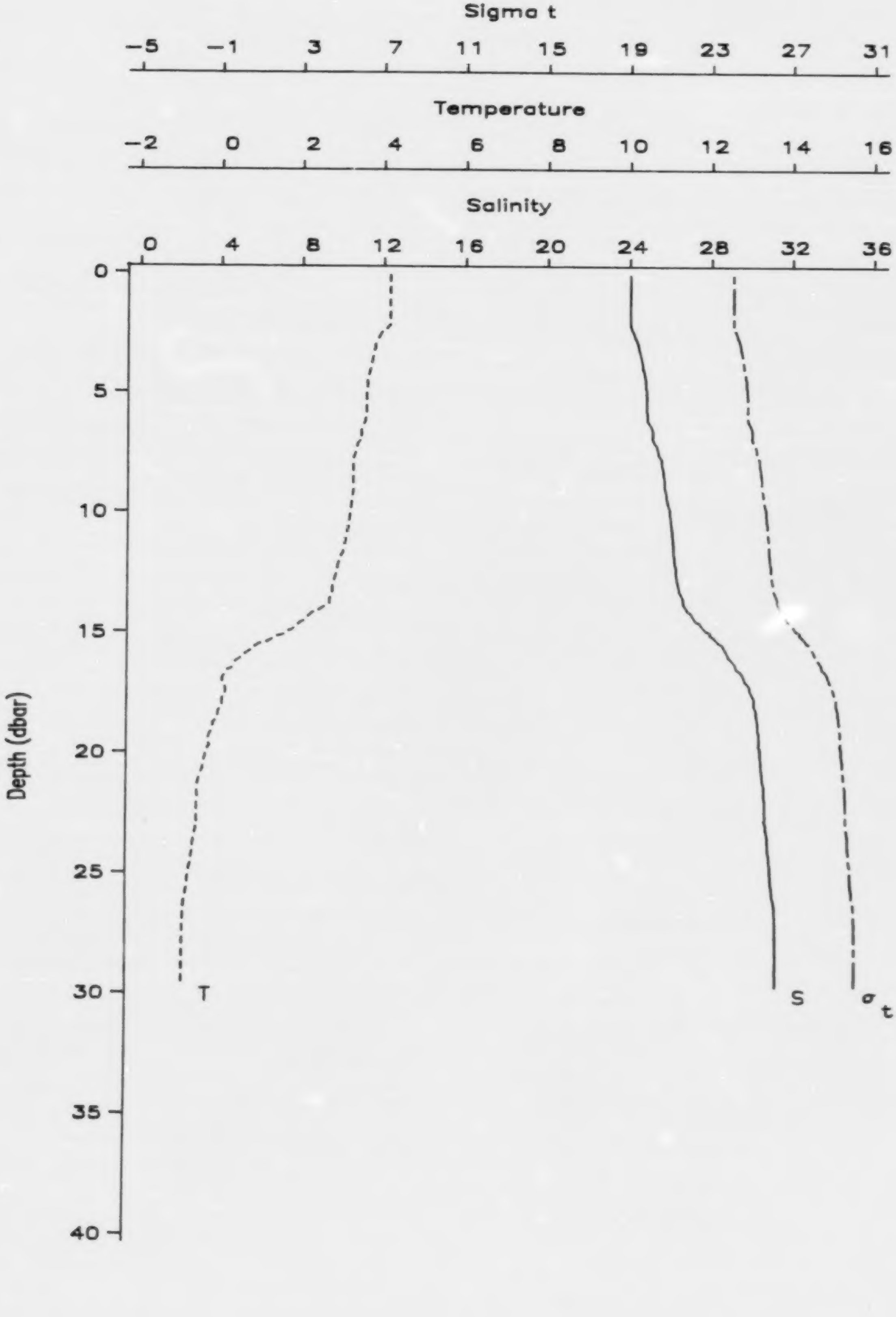

Table A1.88. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86087, September 17, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.1	24.03	4.12	1019.06	6.7	25.14	3.42	1020.00	14.0	26.81	2.47	1021.39
0.2	24.02	4.12	1019.06	6.9	25.10	3.45	1019.96	14.1	26.88	2.39	1021.45
0.3	24.03	4.13	1019.06	7.0	25.16	3.40	1020.01	14.2	27.04	2.23	1021.59
0.5	24.03	4.13	1019.06	7.1	25.22	3.35	1020.06	14.5	27.25	2.06	1021.76
0.6	24.03	4.12	1019.06	7.2	25.32	3.32	1020.15	14.6	27.46	1.95	1021.94
0.7	24.03	4.12	1019.06	7.3	25.36	3.31	1020.18	14.9	27.74	1.75	1022.17
0.8	24.03	4.12	1019.06	7.6	25.44	3.27	1020.24	15.0	27.96	1.59	1022.36
0.9	24.03	4.12	1019.06	7.7	25.51	3.24	1020.30	15.1	27.98	1.56	1022.38
1.2	24.03	4.12	1019.06	7.8	25.58	3.23	1020.36	15.2	28.16	1.34	1022.53
1.3	24.03	4.13	1019.06	8.1	25.61	3.23	1020.38	15.4	28.37	1.15	1022.71
1.6	24.03	4.13	1019.06	8.2	25.64	3.23	1020.41	15.5	28.57	0.92	1022.88
1.7	24.03	4.13	1019.06	8.3	25.67	3.23	1020.43	15.7	28.71	0.77	1023.00
1.8	24.03	4.12	1019.06	8.4	25.67	3.22	1020.43	16.0	28.89	0.53	1023.16
2.0	24.03	4.13	1019.06	8.7	25.73	3.23	1020.48	16.3	29.20	0.30	1023.42
2.2	24.03	4.12	1019.06	9.0	25.74	3.23	1020.49	16.5	29.28	0.26	1023.48
2.3	24.08	4.06	1019.11	9.1	25.77	3.23	1020.51	16.6	29.45	0.13	1023.62
2.4	24.11	4.01	1019.13	9.3	25.82	3.21	1020.55	16.7	29.56	0.08	1023.71
2.5	24.18	3.92	1019.20	9.5	25.85	3.19	1020.58	17.0	29.71	0.02	1023.84
2.7	24.25	3.85	1019.26	9.6	25.87	3.19	1020.59	17.2	29.91	0.10	1024.00
2.8	24.32	3.80	1019.32	9.8	25.94	3.17	1020.65	17.4	29.96	0.12	1024.03
2.9	24.37	3.78	1019.36	9.9	25.99	3.15	1020.69	17.6	30.08	0.09	1024.13
3.0	24.41	3.76	1019.39	10.1	25.99	3.15	1020.69	17.7	30.15	0.04	1024.19
3.2	24.45	3.75	1019.42	10.3	26.03	3.13	1020.72	17.8	30.16	0.02	1024.20
3.3	24.48	3.73	1019.45	10.4	26.04	3.13	1020.73	18.0	30.13	0.03	1024.18
3.5	24.54	3.71	1019.50	10.6	26.07	3.12	1020.76	18.2	30.25	-0.04	1024.27
3.7	24.59	3.68	1019.54	10.7	26.09	3.10	1020.77	18.3	30.27	-0.07	1024.29
3.9	24.63	3.66	1019.57	10.8	26.11	3.08	1020.79	18.5	30.28	-0.09	1024.30
4.0	24.64	3.65	1019.58	11.0	26.11	3.06	1020.79	18.7	30.32	-0.15	1024.34
4.1	24.68	3.63	1019.62	11.2	26.15	3.04	1020.83	18.8	30.34	-0.20	1024.35
4.3	24.73	3.60	1019.66	11.3	26.15	3.02	1020.83	19.1	30.37	-0.22	1024.38
4.4	24.75	3.60	1019.67	11.4	26.17	2.99	1020.84	19.2	30.40	-0.27	1024.40
4.5	24.78	3.57	1019.70	11.5	26.18	2.99	1020.85	19.4	30.42	-0.31	1024.42
4.6	24.78	3.57	1019.70	11.7	26.19	2.98	1020.86	19.6	30.42	-0.31	1024.42
4.8	24.79	3.56	1019.71	11.8	26.20	2.94	1020.87	19.7	30.37	-0.26	1024.38
4.9	24.83	3.55	1019.74	11.9	26.22	2.92	1020.89	19.8	30.46	-0.32	1024.45
5.0	24.84	3.55	1019.75	12.2	26.26	2.86	1020.93	19.9	30.45	-0.33	1024.45
5.1	24.83	3.55	1019.74	12.3	26.29	2.85	1020.95	20.0	30.47	-0.37	1024.46
5.2	24.85	3.55	1019.76	12.4	26.29	2.84	1020.95	20.2	30.48	-0.39	1024.47
5.5	24.85	3.55	1019.76	12.5	26.29	2.83	1020.95	20.4	30.52	-0.43	1024.51
5.6	24.85	3.55	1019.76	12.7	26.32	2.79	1020.98	20.7	30.53	-0.45	1024.52
5.8	24.84	3.55	1019.75	12.9	26.36	2.76	1021.01	20.9	30.57	-0.50	1024.55
6.0	24.88	3.53	1019.78	13.0	26.40	2.73	1021.05	21.0	30.58	-0.52	1024.56
6.1	24.87	3.53	1019.77	13.3	26.47	2.72	1021.10	21.2	30.61	-0.55	1024.58
6.2	24.89	3.52	1019.79	13.4	26.54	2.73	1021.16	21.4	30.66	-0.58	1024.62
6.4	25.05	3.46	1019.92	13.6	26.66	2.66	1021.26	21.5	30.67	-0.58	1024.63
6.6	25.14	3.42	1020.00	13.8	26.64	2.67	1021.24	21.7	30.67	-0.58	1024.63

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Table A1.88. Station 86087 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
21.8	30.65	-0.56	1024.62	24.7	30.99	-0.75	1024.90	27.2	31.28	-0.92	1025.14
21.9	30.69	-0.58	1024.65	24.9	31.01	-0.77	1024.91	27.3	31.28	-0.92	1025.14
22.0	30.71	-0.59	1024.67	25.0	31.01	-0.78	1024.91	27.5	31.28	-0.92	1025.14
22.4	30.73	-0.59	1024.68	25.1	31.02	-0.79	1024.92	27.6	31.28	-0.92	1025.14
22.5	30.71	-0.59	1024.67	25.2	31.03	-0.80	1024.93	27.7	31.28	-0.92	1025.14
22.6	30.73	-0.59	1024.68	25.3	31.04	-0.81	1024.94	27.8	31.28	-0.93	1025.14
22.8	30.69	-0.58	1024.65	25.5	31.06	-0.81	1024.96	27.9	31.29	-0.92	1025.14
22.9	30.73	-0.57	1024.68	25.6	31.08	-0.82	1024.97	28.2	31.30	-0.93	1025.15
23.0	30.77	-0.61	1024.71	25.7	31.09	-0.83	1024.98	28.3	31.30	-0.93	1025.15
23.2	30.78	-0.60	1024.72	25.8	31.11	-0.84	1025.00	28.4	31.31	-0.93	1025.16
23.4	30.83	-0.64	1024.76	26.0	31.13	-0.86	1025.01	28.7	31.31	-0.93	1025.16
23.5	30.86	-0.66	1024.79	26.1	31.16	-0.87	1025.04	28.8	31.31	-0.93	1025.16
23.7	30.86	-0.67	1024.79	26.2	31.18	-0.89	1025.05	28.9	31.31	-0.93	1025.16
23.9	30.89	-0.69	1024.81	26.3	31.21	-0.89	1025.08	29.0	31.29	-0.93	1025.15
24.0	30.89	-0.70	1024.81	26.4	31.23	-0.90	1025.10	29.2	31.29	-0.93	1025.15
24.1	30.90	-0.69	1024.82	26.6	31.24	-0.91	1025.10	29.3	31.31	-0.93	1025.16
24.2	30.92	-0.70	1024.84	26.8	31.26	-0.91	1025.12	29.4	31.30	-0.93	1025.15
24.4	30.96	-0.72	1024.87	27.0	31.26	-0.92	1025.12	29.5	31.32	-0.94	1025.17
24.5	30.94	-0.70	1024.85	27.1	31.28	-0.92	1025.14	29.7	31.28	-0.93	1025.14

STATION: 86088 DATE: 18 September

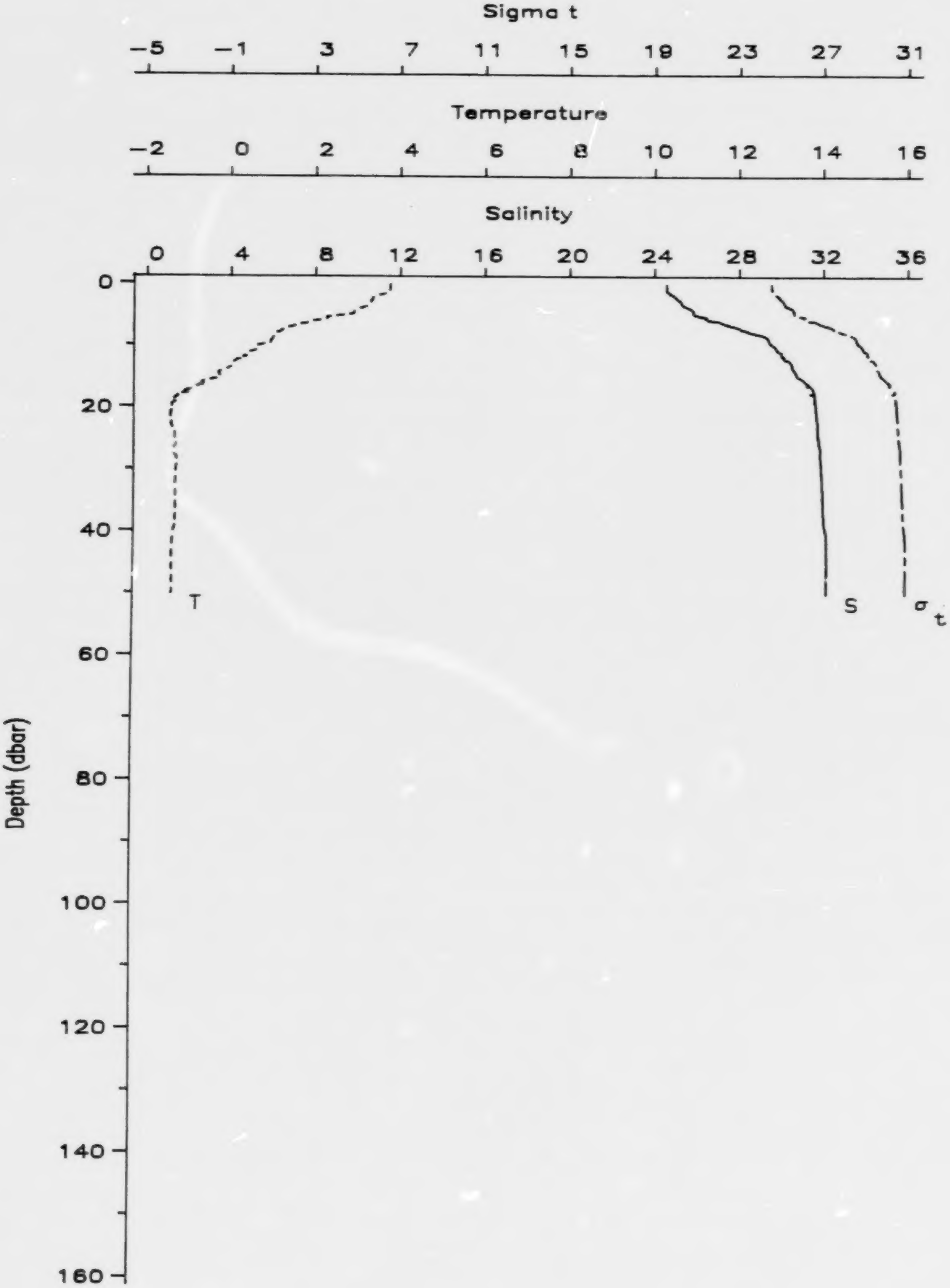

Table A1.89. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86088, September 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	24.57	3.74	1019.52	6.9	27.66	1.54	1022.12	13.3	30.52	-0.01	1024.49
0.3	24.57	3.74	1019.52	7.0	27.78	1.46	1022.22	13.4	30.51	-0.02	1024.48
0.5	24.57	3.74	1019.52	7.1	27.87	1.41	1022.30	13.5	30.49	0.00	1024.47
0.7	24.57	3.73	1019.52	7.2	27.96	1.34	1022.37	13.6	30.49	0.00	1024.47
0.8	24.56	3.74	1019.51	7.3	28.03	1.32	1022.43	13.8	30.55	-0.06	1024.52
0.9	24.57	3.74	1019.52	7.5	28.09	1.27	1022.48	13.9	30.56	-0.07	1024.53
1.1	24.58	3.73	1019.53	7.6	28.25	1.19	1022.61	14.0	30.59	-0.14	1024.55
1.2	24.60	3.72	1019.55	7.7	28.31	1.18	1022.66	14.1	30.63	-0.20	1024.59
1.3	24.60	3.72	1019.55	7.8	28.41	1.17	1022.74	14.5	30.69	-0.30	1024.64
1.6	24.70	3.64	1019.63	8.0	28.57	1.12	1022.87	14.6	30.72	-0.31	1024.66
1.8	24.76	3.60	1019.68	8.1	28.71	1.06	1022.99	14.8	30.73	-0.28	1024.67
1.9	24.85	3.51	1019.76	8.2	28.82	1.05	1023.08	14.9	30.74	-0.27	1024.68
2.0	24.90	3.48	1019.80	8.3	29.00	1.06	1023.22	15.0	30.76	-0.26	1024.69
2.2	24.95	3.44	1019.84	8.4	29.09	1.07	1023.29	15.1	30.79	-0.26	1024.72
2.3	25.01	3.36	1019.90	8.6	29.23	1.04	1023.41	15.2	30.87	-0.26	1024.78
2.4	25.04	3.33	1019.92	8.7	29.28	1.00	1023.45	15.5	30.99	-0.33	1024.88
2.5	25.03	3.32	1019.92	8.8	29.34	0.98	1023.50	15.6	31.05	-0.43	1024.93
2.7	25.10	3.34	1019.97	9.0	29.37	0.96	1023.52	15.9	31.14	-0.64	1025.01
2.8	25.19	3.30	1020.04	9.1	29.39	0.96	1023.54	16.0	31.16	-0.68	1025.03
3.0	25.23	3.29	1020.08	9.2	29.39	0.95	1023.54	16.1	31.21	-0.67	1025.07
3.3	25.28	3.26	1020.12	9.3	29.39	0.93	1023.54	16.2	31.30	-0.71	1025.15
3.4	25.32	3.25	1020.15	9.5	29.45	0.91	1023.59	16.3	31.22	-0.64	1025.08
3.5	25.33	3.23	1020.16	9.7	29.46	0.92	1023.60	16.5	31.20	-0.59	1025.06
3.7	25.37	3.21	1020.19	9.8	29.51	0.87	1023.64	16.6	31.39	-0.76	1025.22
3.8	25.48	3.15	1020.28	9.9	29.55	0.76	1023.68	16.7	31.43	-0.78	1025.25
4.0	25.60	3.09	1020.38	10.1	29.64	0.63	1023.76	17.0	31.50	-0.88	1025.31
4.1	25.71	2.99	1020.48	10.3	29.70	0.63	1023.80	17.3	31.54	-0.99	1025.35
4.3	25.77	2.96	1020.53	10.4	29.75	0.63	1023.84	17.4	31.55	-1.05	1025.36
4.4	25.79	2.94	1020.55	10.6	29.75	0.64	1023.84	17.6	31.59	-1.13	1025.39
4.5	25.83	2.91	1020.58	10.7	29.78	0.63	1023.87	17.7	31.53	-1.14	1025.35
4.6	25.83	2.89	1020.58	10.8	29.80	0.61	1023.88	17.8	31.40	-1.02	1025.24
4.8	25.85	2.89	1020.60	10.9	29.82	0.59	1023.90	18.0	31.60	-1.25	1025.40
4.9	25.84	2.89	1020.59	11.0	29.89	0.53	1023.96	18.1	31.59	-1.28	1025.40
5.0	25.85	2.86	1020.60	11.2	30.00	0.42	1024.05	18.3	31.59	-1.24	1025.40
5.1	25.90	2.79	1020.64	11.4	30.02	0.39	1024.07	18.5	31.61	-1.31	1025.41
5.2	25.97	2.67	1020.71	11.7	30.02	0.38	1024.07	18.7	31.60	-1.34	1025.41
5.4	26.18	2.45	1020.89	11.8	30.12	0.31	1024.16	18.8	31.62	-1.34	1025.42
5.5	26.44	2.26	1021.11	11.9	30.06	0.36	1024.11	18.9	31.63	-1.34	1025.43
5.6	26.38	2.28	1021.06	12.0	30.13	0.28	1024.17	19.1	31.60	-1.32	1025.41
5.8	26.48	2.24	1021.14	12.2	30.12	0.31	1024.16	19.2	31.57	-1.28	1025.38
6.0	26.55	2.18	1021.20	12.3	30.15	0.28	1024.18	19.3	31.63	-1.36	1025.43
6.1	26.73	2.04	1021.35	12.4	30.31	0.16	1024.32	19.6	31.64	-1.40	1025.44
6.2	27.03	1.87	1021.60	12.5	30.37	0.12	1024.37	19.7	31.62	-1.40	1025.42
6.4	27.18	1.81	1021.72	12.8	30.45	0.07	1024.43	19.8	31.65	-1.41	1025.45
6.6	27.31	1.75	1021.83	12.9	30.46	0.05	1024.44	20.0	31.64	-1.40	1025.44
6.7	27.45	1.64	1021.95	13.0	30.49	0.02	1024.47	20.2	31.65	-1.41	1025.45

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Table A1.89. Station 86088 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.3	31.65	-1.41	1025.45	27.2	31.87	-1.35	1025.63	34.3	31.98	-1.30	1025.71
20.4	31.64	-1.40	1025.44	27.3	31.86	-1.34	1025.62	34.5	31.97	-1.30	1025.71
20.5	31.65	-1.37	1025.45	27.5	31.84	-1.33	1025.60	34.6	31.98	-1.30	1025.71
20.8	31.66	-1.43	1025.46	27.6	31.86	-1.33	1025.62	34.7	31.98	-1.30	1025.71
20.9	31.68	-1.43	1025.47	27.8	31.86	-1.32	1025.62	34.8	31.98	-1.31	1025.71
21.0	31.68	-1.44	1025.47	27.9	31.85	-1.28	1025.61	35.0	32.01	-1.32	1025.74
21.2	31.68	-1.43	1025.47	28.1	31.88	-1.27	1025.63	35.1	31.99	-1.31	1025.72
21.4	31.69	-1.44	1025.48	28.3	31.88	-1.27	1025.63	35.2	31.99	-1.31	1025.72
21.5	31.70	-1.43	1025.49	28.4	31.89	-1.27	1025.64	35.3	31.99	-1.30	1025.72
21.7	31.68	-1.43	1025.47	28.6	31.89	-1.27	1025.64	35.4	32.00	-1.31	1025.73
21.8	31.69	-1.41	1025.48	28.7	31.88	-1.26	1025.63	35.6	32.01	-1.31	1025.74
21.9	31.71	-1.41	1025.50	28.8	31.88	-1.27	1025.63	35.8	32.01	-1.31	1025.74
22.0	31.70	-1.39	1025.49	28.9	31.88	-1.26	1025.63	35.9	32.01	-1.31	1025.74
22.1	31.72	-1.39	1025.51	29.0	31.89	-1.26	1025.64	36.1	32.00	-1.30	1025.73
22.4	31.73	-1.40	1025.51	29.2	31.91	-1.27	1025.66	36.2	31.99	-1.30	1025.72
22.5	31.74	-1.41	1025.52	29.4	31.92	-1.28	1025.67	36.5	32.00	-1.30	1025.73
22.6	31.74	-1.42	1025.52	29.5	31.91	-1.28	1025.66	36.6	32.02	-1.31	1025.75
22.9	31.75	-1.42	1025.53	29.7	31.91	-1.29	1025.66	36.7	32.02	-1.31	1025.75
23.0	31.73	-1.41	1025.51	29.9	31.92	-1.30	1025.67	36.9	32.03	-1.32	1025.76
23.1	31.71	-1.39	1025.50	30.0	31.92	-1.30	1025.67	37.1	32.03	-1.31	1025.76
23.2	31.70	-1.38	1025.49	30.2	31.91	-1.29	1025.66	37.2	32.03	-1.31	1025.76
23.4	31.73	-1.38	1025.51	30.3	31.91	-1.29	1025.66	37.3	32.03	-1.30	1025.76
23.5	31.75	-1.37	1025.53	30.5	31.93	-1.30	1025.67	37.4	32.02	-1.30	1025.75
23.6	31.74	-1.34	1025.52	30.7	31.94	-1.30	1025.68	37.6	32.03	-1.30	1025.76
23.9	31.75	-1.32	1025.53	30.9	31.94	-1.30	1025.68	37.7	32.04	-1.31	1025.76
24.1	31.76	-1.32	1025.54	31.0	31.95	-1.30	1025.69	37.8	32.04	-1.32	1025.76
24.2	31.76	-1.32	1025.54	31.3	31.95	-1.30	1025.69	38.0	32.04	-1.31	1025.76
24.4	31.76	-1.32	1025.54	31.5	31.94	-1.30	1025.68	38.3	32.05	-1.32	1025.77
24.5	31.74	-1.32	1025.52	31.6	31.93	-1.30	1025.67	38.4	32.05	-1.32	1025.77
24.6	31.73	-1.32	1025.51	31.8	31.95	-1.30	1025.69	38.5	32.05	-1.32	1025.77
24.7	31.76	-1.32	1025.54	31.9	31.96	-1.30	1025.70	38.7	32.04	-1.31	1025.76
24.9	31.79	-1.34	1025.56	32.0	31.96	-1.31	1025.70	38.8	32.03	-1.30	1025.76
25.1	31.79	-1.33	1025.56	32.2	31.96	-1.31	1025.70	38.9	32.06	-1.32	1025.78
25.2	31.79	-1.33	1025.56	32.4	31.97	-1.32	1025.71	39.0	32.06	-1.32	1025.78
25.3	31.81	-1.31	1025.58	32.5	31.96	-1.31	1025.70	39.3	32.07	-1.33	1025.79
25.6	31.81	-1.31	1025.58	32.7	31.96	-1.31	1025.70	39.4	32.08	-1.33	1025.80
25.7	31.80	-1.31	1025.57	32.9	31.96	-1.31	1025.70	39.7	32.11	-1.35	1025.82
25.8	31.79	-1.29	1025.56	33.0	31.96	-1.31	1025.70	39.8	32.11	-1.36	1025.82
26.0	31.79	-1.28	1025.56	33.1	31.95	-1.30	1025.69	39.9	32.11	-1.36	1025.82
26.1	31.82	-1.28	1025.58	33.2	31.96	-1.31	1025.70	40.0	32.11	-1.35	1025.82
26.2	31.85	-1.30	1025.61	33.4	31.98	-1.32	1025.71	40.1	32.13	-1.37	1025.84
26.4	31.85	-1.33	1025.61	33.6	31.98	-1.31	1025.71	40.4	32.13	-1.36	1025.84
26.7	31.87	-1.35	1025.63	33.7	31.99	-1.31	1025.72	40.6	32.16	-1.38	1025.86
26.8	31.87	-1.35	1025.63	34.0	31.99	-1.31	1025.72	40.9	32.17	-1.39	1025.87
27.0	31.85	-1.35	1025.61	34.1	31.99	-1.32	1025.72	41.0	32.15	-1.38	1025.85
27.1	31.88	-1.36	1025.63	34.2	31.99	-1.31	1025.72	41.1	32.16	-1.38	1025.86

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Table A1.89. Station 86088 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
41.2	32.15	-1.38	1025.85	44.6	32.18	-1.39	1025.88	47.4	32.18	-1.39	1025.88
41.4	32.16	-1.38	1025.86	44.7	32.18	-1.39	1025.88	47.5	32.18	-1.39	1025.88
41.6	32.18	-1.39	1025.88	44.8	32.18	-1.39	1025.88	47.8	32.18	-1.39	1025.88
42.0	32.16	-1.39	1025.86	44.9	32.18	-1.39	1025.88	48.0	32.17	-1.39	1025.87
42.2	32.18	-1.39	1025.88	45.1	32.18	-1.39	1025.88	48.2	32.18	-1.39	1025.88
42.5	32.16	-1.39	1025.86	45.2	32.19	-1.39	1025.89	48.3	32.18	-1.39	1025.88
42.6	32.18	-1.39	1025.88	45.5	32.18	-1.39	1025.88	48.4	32.18	-1.39	1025.88
42.7	32.18	-1.39	1025.88	45.6	32.18	-1.40	1025.88	48.5	32.18	-1.39	1025.88
42.9	32.17	-1.39	1025.87	45.7	32.17	-1.39	1025.87	48.7	32.18	-1.39	1025.88
43.0	32.18	-1.39	1025.88	45.9	32.18	-1.39	1025.88	48.8	32.18	-1.39	1025.88
43.2	32.18	-1.39	1025.88	46.1	32.18	-1.39	1025.88	48.9	32.18	-1.39	1025.88
43.3	32.18	-1.39	1025.88	46.2	32.18	-1.39	1025.88	49.0	32.18	-1.39	1025.88
43.5	32.17	-1.39	1025.87	46.3	32.18	-1.39	1025.88	49.1	32.18	-1.39	1025.88
43.6	32.18	-1.39	1025.88	46.4	32.17	-1.39	1025.87	49.4	32.17	-1.39	1025.87
43.7	32.18	-1.39	1025.88	46.6	32.19	-1.39	1025.89	49.5	32.16	-1.39	1025.86
44.0	32.16	-1.39	1025.86	46.8	32.18	-1.39	1025.88	49.8	32.18	-1.39	1025.88
44.1	32.18	-1.39	1025.88	47.0	32.18	-1.39	1025.88	49.9	32.18	-1.39	1025.88
44.3	32.19	-1.40	1025.89	47.2	32.18	-1.39	1025.88	50.0	32.18	-1.39	1025.88
44.5	32.18	-1.39	1025.88	47.3	32.18	-1.39	1025.88	50.1	32.18	-1.40	1025.88

STATION: 86089 DATE: 18 September

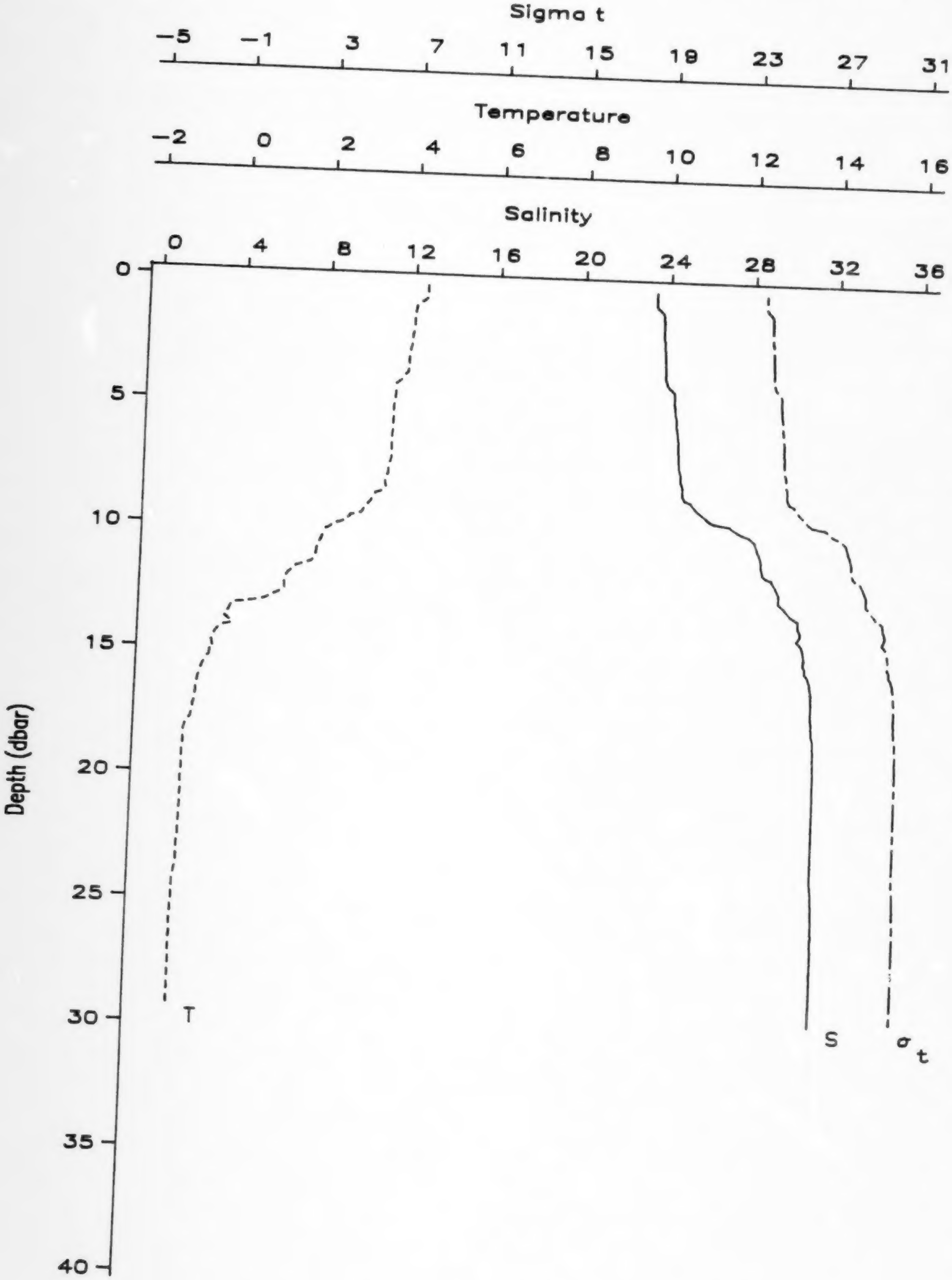

Table A1.90. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86089, September 18, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	23.35	4.25	1018.51	6.6	24.58	3.53	1019.54	13.7	30.64	-0.28	1024.60
0.3	23.35	4.25	1018.51	6.7	24.61	3.53	1019.57	13.8	30.61	-0.20	1024.57
0.4	23.34	4.26	1018.51	6.8	24.60	3.53	1019.56	14.0	30.47	-0.08	1024.45
0.5	23.35	4.25	1018.51	6.9	24.62	3.54	1019.57	14.1	30.61	-0.30	1024.57
0.7	23.35	4.25	1018.51	7.1	24.64	3.53	1019.59	14.2	30.71	-0.41	1024.66
0.8	23.41	4.19	1018.57	7.3	24.66	3.50	1019.61	14.4	30.79	-0.49	1024.73
0.9	23.54	4.08	1018.68	7.4	24.69	3.47	1019.63	14.7	30.86	-0.56	1024.79
1.0	23.66	4.01	1018.78	7.5	24.73	3.46	1019.67	14.8	30.84	-0.53	1024.77
1.1	23.71	4.00	1018.82	7.8	24.75	3.45	1019.68	15.0	30.83	-0.51	1024.76
1.3	23.73	3.98	1018.84	8.0	24.84	3.39	1019.76	15.1	30.92	-0.59	1024.84
1.4	23.74	3.97	1018.84	8.2	24.84	3.41	1019.76	15.3	30.93	-0.60	1024.84
1.5	23.74	3.97	1018.84	8.3	24.82	3.43	1019.74	15.4	31.04	-0.66	1024.93
1.6	23.72	3.97	1018.83	8.4	24.89	3.37	1019.80	15.6	31.13	-0.72	1025.01
1.8	23.73	3.97	1018.84	8.5	24.95	3.33	1019.85	15.7	31.18	-0.75	1025.05
1.9	23.74	3.96	1018.85	8.6	25.23	3.18	1020.08	15.8	31.18	-0.77	1025.05
2.0	23.75	3.96	1018.85	8.8	25.42	3.10	1020.24	15.9	31.21	-0.80	1025.08
2.1	23.76	3.95	1018.86	8.9	25.54	3.08	1020.34	16.1	31.24	-0.82	1025.10
2.2	23.79	3.93	1018.89	9.2	25.99	2.93	1020.71	16.2	31.25	-0.84	1025.11
2.4	23.80	3.92	1018.90	9.3	26.12	2.90	1020.81	16.3	31.26	-0.85	1025.12
2.5	23.82	3.92	1018.91	9.4	26.32	2.87	1020.97	16.4	31.27	-0.86	1025.13
2.6	23.83	3.92	1018.92	9.5	27.11	2.61	1021.62	16.5	31.28	-0.88	1025.14
2.7	23.84	3.90	1018.93	9.7	27.45	2.52	1021.90	16.8	31.28	-0.88	1025.14
3.1	23.87	3.87	1018.95	9.8	27.68	2.39	1022.09	16.9	31.27	-0.89	1025.13
3.2	23.88	3.87	1018.96	9.9	28.05	2.19	1022.40	17.0	31.28	-0.89	1025.14
3.4	23.89	3.87	1018.97	10.0	28.17	2.14	1022.50	17.2	31.29	-0.91	1025.14
3.5	23.89	3.88	1018.97	10.1	28.31	2.04	1022.61	17.3	31.31	-0.93	1025.16
3.6	23.89	3.86	1018.97	10.4	28.44	1.96	1022.72	17.5	31.31	-0.94	1025.16
3.7	23.90	3.85	1018.98	10.5	28.48	1.94	1022.76	17.6	31.33	-0.95	1025.18
3.9	23.97	3.75	1019.04	10.6	28.54	1.91	1022.81	17.8	31.35	-0.97	1025.19
4.0	24.05	3.72	1019.11	10.8	28.63	1.87	1022.88	18.0	31.42	-1.08	1025.25
4.1	24.18	3.65	1019.22	10.9	28.66	1.84	1022.91	18.3	31.44	-1.12	1025.27
4.2	24.30	3.58	1019.32	11.1	28.67	1.83	1022.91	18.4	31.45	-1.13	1025.28
4.3	24.33	3.57	1019.34	11.2	28.69	1.79	1022.93	18.5	31.45	-1.13	1025.28
4.5	24.33	3.59	1019.34	11.4	28.75	1.74	1022.98	18.7	31.45	-1.12	1025.28
4.6	24.33	3.58	1019.34	11.5	28.88	1.61	1023.10	18.8	31.46	-1.12	1025.29
4.7	24.34	3.57	1019.35	11.6	29.16	1.38	1023.33	19.0	31.47	-1.14	1025.30
4.8	24.36	3.57	1019.37	11.9	29.38	1.19	1023.52	19.3	31.48	-1.14	1025.30
5.1	24.40	3.54	1019.40	12.1	29.50	1.11	1023.62	19.5	31.48	-1.15	1025.31
5.3	24.45	3.54	1019.44	12.2	29.55	1.10	1023.66	19.6	31.47	-1.14	1025.30
5.4	24.46	3.55	1019.45	12.5	29.55	1.13	1023.66	19.8	31.47	-1.14	1025.30
5.6	24.46	3.54	1019.45	12.7	29.81	0.98	1023.88	19.9	31.48	-1.14	1025.30
5.7	24.49	3.54	1019.47	13.0	30.11	0.63	1024.13	20.0	31.48	-1.15	1025.31
6.0	24.54	3.54	1019.51	13.1	30.30	0.30	1024.30	20.1	31.47	-1.14	1025.30
6.2	24.57	3.52	1019.54	13.2	30.49	-0.11	1024.47	20.2	31.49	-1.15	1025.31
6.3	24.57	3.53	1019.53	13.5	30.53	-0.19	1024.51	20.4	31.48	-1.14	1025.30
6.4	24.58	3.52	1019.54	13.6	30.60	-0.27	1024.57	20.6	31.47	-1.14	1025.30

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Table A1.90. Station 86089 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
20.7	31.48	-1.14	1025.30	23.8	31.53	-1.20	1025.35	27.0	31.65	-1.28	1025.45
20.9	31.48	-1.15	1025.31	23.9	31.55	-1.21	1025.36	27.2	31.67	-1.28	1025.46
21.0	31.48	-1.14	1025.30	24.2	31.59	-1.24	1025.40	27.3	31.65	-1.28	1025.45
21.1	31.48	-1.14	1025.30	24.3	31.59	-1.25	1025.40	27.4	31.66	-1.27	1025.45
21.4	31.49	-1.15	1025.31	24.6	31.61	-1.25	1025.41	27.5	31.67	-1.27	1025.46
21.5	31.48	-1.15	1025.31	24.7	31.61	-1.25	1025.41	27.7	31.66	-1.27	1025.45
21.6	31.49	-1.15	1025.31	24.8	31.62	-1.26	1025.42	27.9	31.65	-1.28	1025.45
21.9	31.49	-1.15	1025.31	24.9	31.62	-1.24	1025.42	28.0	31.67	-1.28	1025.46
22.0	31.49	-1.16	1025.31	25.1	31.63	-1.25	1025.43	28.1	31.66	-1.28	1025.45
22.1	31.49	-1.16	1025.31	25.2	31.64	-1.27	1025.44	28.3	31.66	-1.28	1025.45
22.2	31.49	-1.16	1025.31	25.5	31.64	-1.27	1025.44	28.4	31.66	-1.28	1025.45
22.3	31.49	-1.16	1025.31	25.7	31.64	-1.28	1025.44	28.6	31.66	-1.28	1025.45
22.5	31.48	-1.15	1025.31	25.8	31.66	-1.28	1025.45	28.8	31.65	-1.28	1025.45
22.7	31.49	-1.17	1025.31	25.9	31.64	-1.28	1025.44	28.9	31.66	-1.28	1025.45
22.8	31.50	-1.18	1025.32	26.0	31.64	-1.28	1025.44	29.0	31.67	-1.28	1025.46
23.0	31.50	-1.18	1025.32	26.2	31.65	-1.27	1025.45	29.1	31.66	-1.28	1025.45
23.2	31.51	-1.18	1025.33	26.4	31.67	-1.27	1025.46	29.2	31.66	-1.27	1025.45
23.3	31.50	-1.18	1025.32	26.5	31.65	-1.27	1025.45	29.4	31.67	-1.28	1025.46
23.4	31.50	-1.18	1025.32	26.6	31.66	-1.28	1025.45				
23.6	31.50	-1.17	1025.32	26.9	31.66	-1.28	1025.45				

STATION: 86090 DATE: 19 September

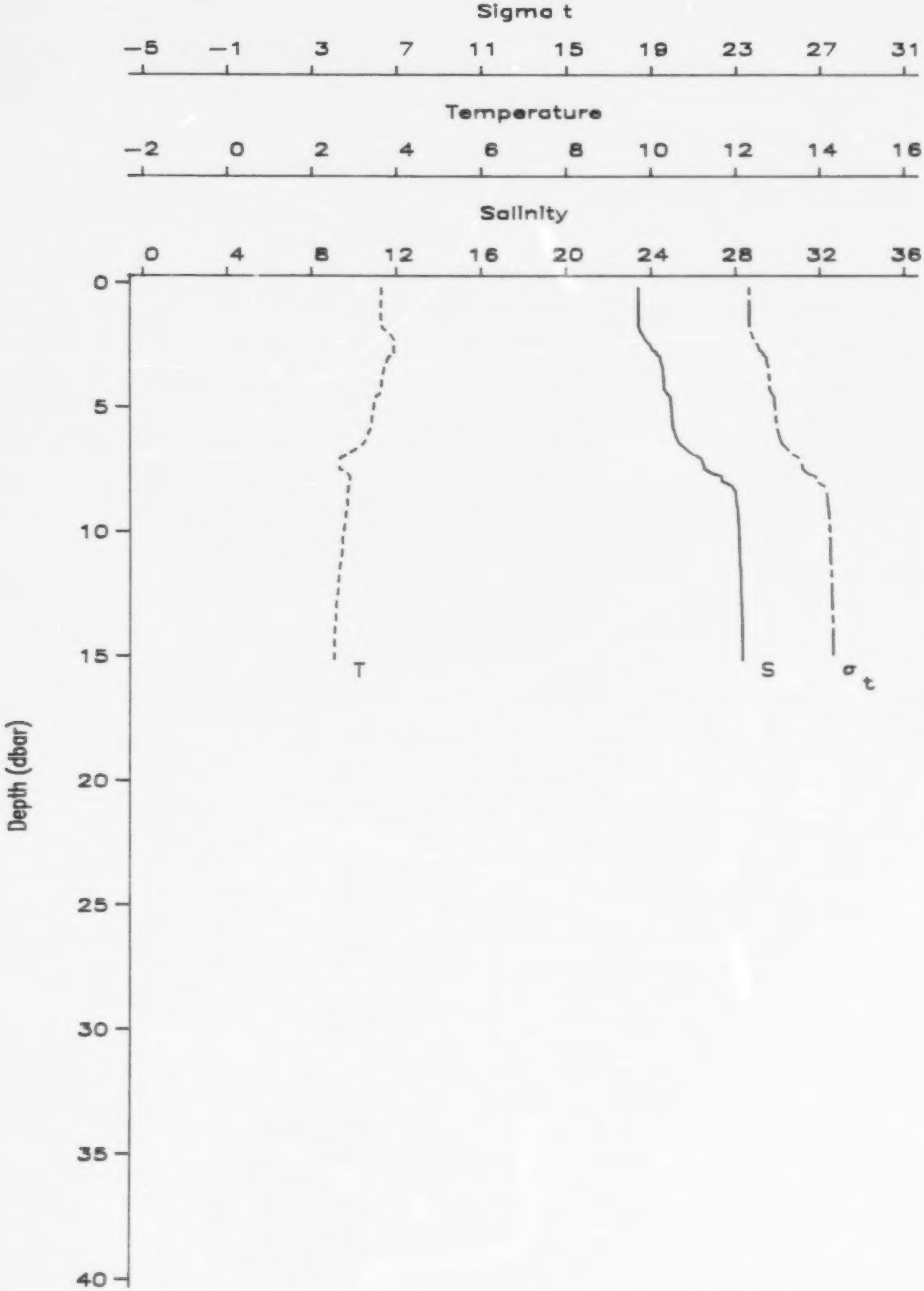

Table A1.91. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86090, September 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	23.42	3.62	1018.62	4.9	24.94	3.45	1019.83	10.3	28.18	2.72	1022.47
0.3	23.42	3.62	1018.62	5.0	24.95	3.45	1019.84	10.6	28.18	2.72	1022.47
0.6	23.42	3.62	1018.62	5.2	24.99	3.42	1019.88	10.7	28.19	2.71	1022.47
0.7	23.42	3.62	1018.62	5.4	25.00	3.41	1019.88	10.8	28.20	2.71	1022.48
0.8	23.42	3.62	1018.62	5.5	25.01	3.40	1019.89	10.9	28.19	2.71	1022.47
0.9	23.43	3.61	1018.62	5.6	25.02	3.40	1019.90	11.0	28.19	2.70	1022.47
1.1	23.43	3.61	1018.62	5.8	25.03	3.39	1019.91	11.2	28.21	2.68	1022.49
1.2	23.42	3.62	1018.62	5.9	25.06	3.37	1019.94	11.3	28.21	2.67	1022.49
1.3	23.42	3.62	1018.62	6.0	25.11	3.33	1019.98	11.4	28.22	2.66	1022.50
1.4	23.42	3.62	1018.62	6.2	25.18	3.29	1020.04	11.5	28.24	2.65	1022.52
1.6	23.42	3.63	1018.61	6.4	25.28	3.23	1020.12	11.8	28.25	2.63	1022.53
1.7	23.43	3.64	1018.62	6.5	25.36	3.20	1020.19	12.0	28.25	2.62	1022.53
1.8	23.45	3.66	1018.64	6.7	25.64	3.02	1020.42	12.2	28.25	2.61	1022.53
1.9	23.47	3.71	1018.65	6.9	25.92	2.87	1020.65	12.3	28.24	2.62	1022.52
2.0	23.54	3.83	1018.70	7.0	26.17	2.72	1020.86	12.4	28.25	2.62	1022.53
2.3	23.74	3.94	1018.85	7.1	26.36	2.65	1021.02	12.5	28.26	2.60	1022.54
2.4	23.84	3.94	1018.93	7.2	26.41	2.64	1021.06	12.7	28.28	2.59	1022.55
2.5	23.95	3.93	1019.01	7.3	26.47	2.64	1021.11	12.9	28.29	2.57	1022.56
2.7	24.06	3.92	1019.10	7.5	26.52	2.65	1021.15	13.0	28.29	2.57	1022.56
2.8	24.23	3.92	1019.24	7.6	26.68	2.79	1021.26	13.1	28.29	2.57	1022.56
2.9	24.28	3.91	1019.28	7.7	26.89	2.87	1021.43	13.4	28.30	2.56	1022.57
3.0	24.42	3.80	1019.40	7.8	27.31	2.91	1021.76	13.5	28.29	2.56	1022.56
3.2	24.47	3.74	1019.44	8.0	27.36	2.92	1021.80	13.6	28.32	2.56	1022.59
3.3	24.51	3.69	1019.48	8.1	27.61	2.89	1022.00	13.8	28.31	2.54	1022.58
3.4	24.56	3.69	1019.52	8.2	27.82	2.86	1022.17	13.9	28.32	2.54	1022.59
3.5	24.58	3.69	1019.53	8.3	27.90	2.86	1022.23	14.0	28.31	2.54	1022.58
3.7	24.60	3.65	1019.55	8.4	27.99	2.85	1022.30	14.1	28.32	2.53	1022.59
3.8	24.60	3.64	1019.55	8.8	28.04	2.85	1022.34	14.2	28.32	2.53	1022.59
3.9	24.62	3.64	1019.57	9.0	28.06	2.85	1022.36	14.5	28.32	2.53	1022.59
4.0	24.62	3.63	1019.57	9.2	28.10	2.81	1022.40	14.8	28.32	2.52	1022.59
4.1	24.61	3.63	1019.56	9.3	28.11	2.80	1022.40	14.9	28.32	2.53	1022.59
4.3	24.63	3.61	1019.58	9.5	28.14	2.79	1022.43	15.0	28.32	2.52	1022.59
4.4	24.71	3.60	1019.64	9.6	28.14	2.77	1022.43	15.1	28.32	2.53	1022.59
4.5	24.79	3.58	1019.71	9.7	28.15	2.77	1022.44	15.2	28.31	2.53	1022.58
4.6	24.90	3.50	1019.80	9.9	28.17	2.76	1022.45				
4.8	24.94	3.46	1019.83	10.2	28.18	2.73	1022.46				

STATION: 86091 DATE: 19 September

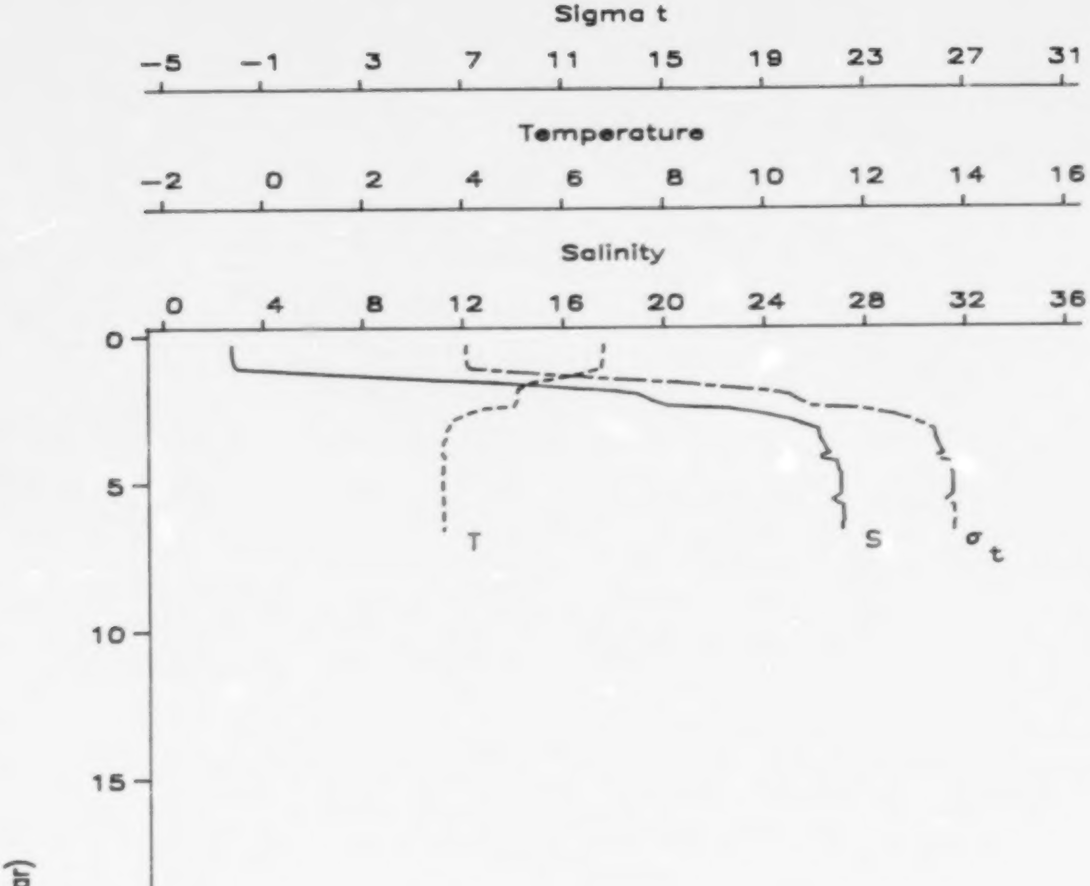

Table A1.92. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86091, September 19, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.3	2.77	6.79	1002.11	2.4	20.15	5.00	1015.93	4.6	26.94	3.59	1021.41
0.4	2.75	6.79	1002.09	2.5	22.61	4.33	1017.92	4.7	27.03	3.57	1021.49
0.5	2.75	6.78	1002.09	2.7	24.15	4.00	1019.17	5.0	27.02	3.59	1021.48
0.7	2.77	6.77	1002.11	2.9	25.14	3.75	1019.97	5.1	27.02	3.59	1021.48
0.9	2.83	6.76	1002.16	3.0	25.42	3.71	1020.20	5.3	27.02	3.59	1021.48
1.0	2.88	6.75	1002.20	3.1	25.80	3.73	1020.50	5.4	27.00	3.59	1021.46
1.1	3.01	6.75	1002.30	3.2	26.13	3.67	1020.76	5.6	26.67	3.60	1021.20
1.3	6.63	6.35	1005.18	3.5	26.20	3.64	1020.82	5.7	26.84	3.60	1021.33
1.5	10.83	5.69	1008.53	3.6	26.27	3.60	1020.88	5.8	27.10	3.60	1021.54
1.6	13.31	5.35	1010.50	3.9	26.46	3.57	1021.03	6.0	27.13	3.60	1021.56
1.8	16.39	5.10	1012.95	4.0	26.57	3.57	1021.12	6.1	27.11	3.60	1021.55
1.9	18.13	5.07	1014.33	4.1	26.26	3.62	1020.87	6.3	27.14	3.60	1021.57
2.0	18.99	5.07	1015.00	4.2	26.24	3.61	1020.86	6.4	27.06	3.60	1021.51
2.2	19.46	5.06	1015.38	4.3	26.85	3.59	1021.34	6.6	27.05	3.60	1021.50

STATION: 86092 DATE: 20 September

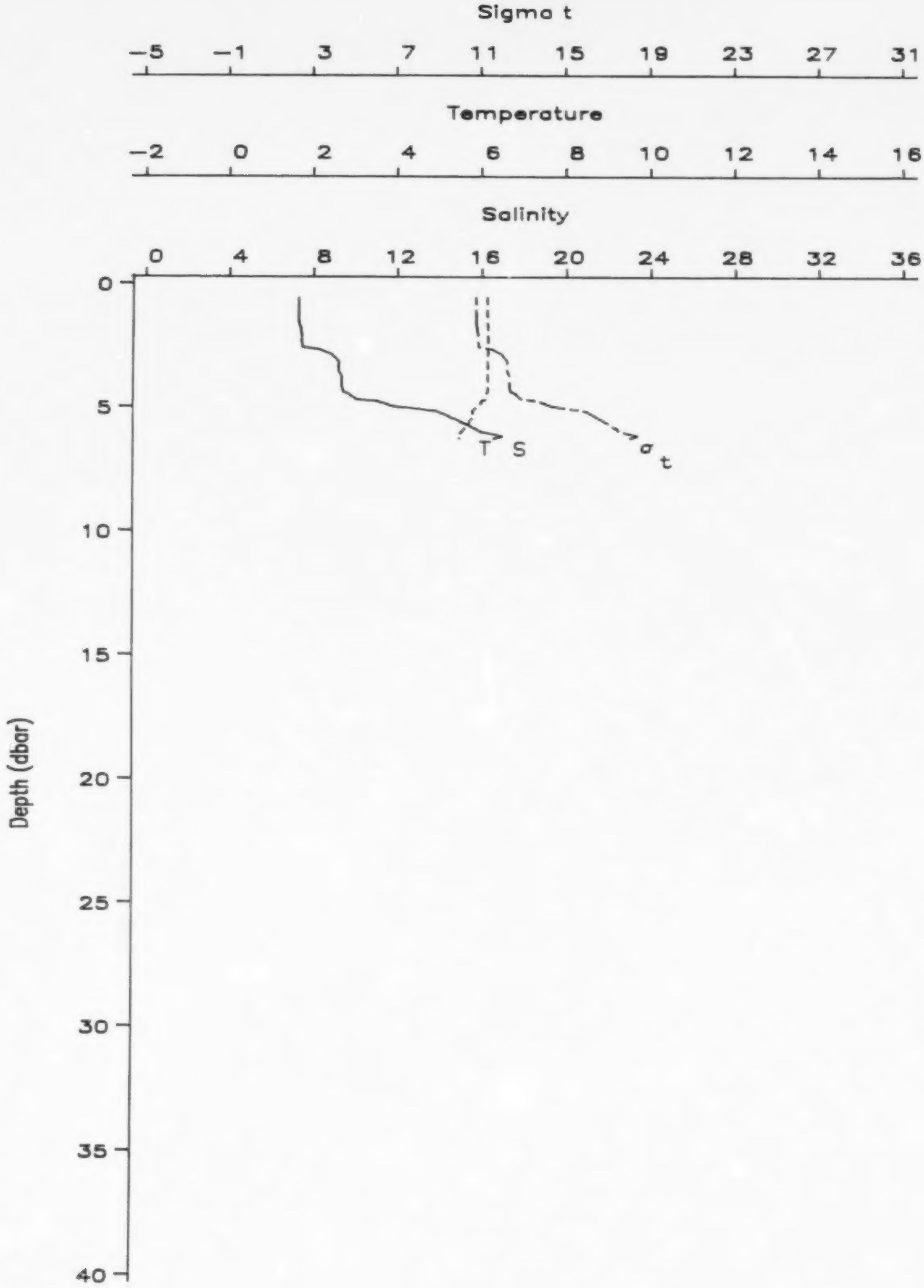

Table A1.93. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86092, September 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	7.28	6.11	1005.70	2.4	7.44	6.12	1005.83	4.4	9.41	6.12	1007.38
0.7	7.28	6.11	1005.70	2.6	7.48	6.12	1005.86	4.5	9.68	6.08	1007.60
0.9	7.28	6.12	1005.70	2.7	8.31	6.13	1006.51	4.7	10.01	6.08	1007.86
1.1	7.28	6.11	1005.70	2.9	8.86	6.12	1006.95	4.8	11.09	5.97	1008.71
1.2	7.29	6.11	1005.71	3.1	9.11	6.12	1007.14	4.9	11.46	5.94	1009.01
1.3	7.29	6.11	1005.71	3.2	9.21	6.12	1007.22	5.0	11.83	5.87	1009.30
1.5	7.28	6.12	1005.70	3.3	9.16	6.12	1007.18	5.2	13.90	5.75	1010.94
1.6	7.29	6.11	1005.71	3.4	9.17	6.12	1007.19	5.4	14.41	5.79	1011.34
1.7	7.32	6.12	1005.73	3.6	9.20	6.12	1007.22	5.6	14.94	5.68	1011.77
1.8	7.38	6.12	1005.78	3.7	9.29	6.12	1007.29	5.8	15.42	5.63	1012.15
2.0	7.41	6.12	1005.81	3.8	9.34	6.12	1007.33	5.9	15.69	5.56	1012.37
2.1	7.44	6.12	1005.83	3.9	9.34	6.12	1007.33	6.0	15.87	5.51	1012.51
2.2	7.44	6.12	1005.83	4.1	9.32	6.12	1007.31	6.2	16.93	5.40	1013.35
2.3	7.44	6.12	1005.83	4.3	9.36	6.12	1007.34	6.3	16.53	5.46	1013.03

STATION: 86092 DATE: 20 September

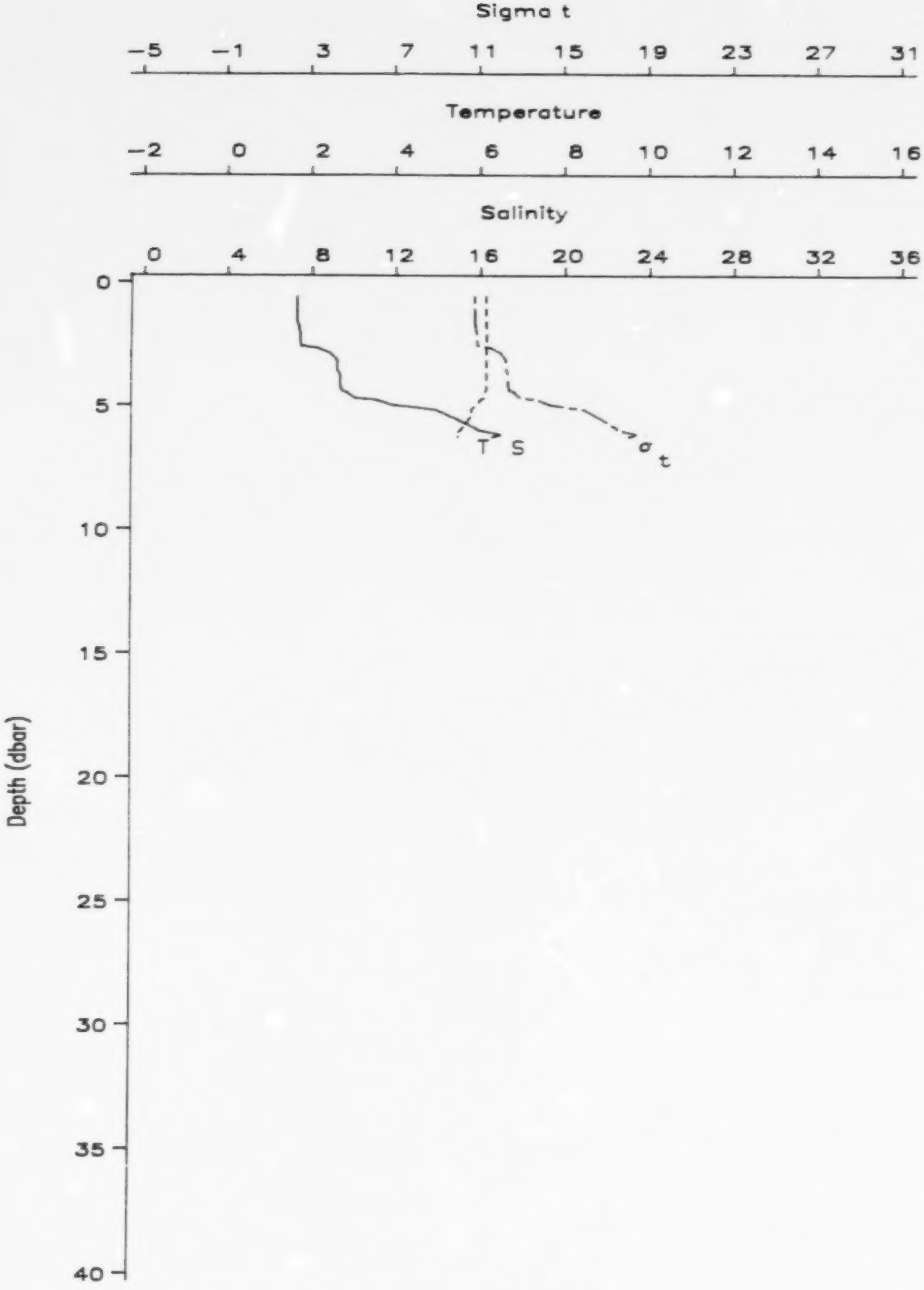

Table A1.93. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86092, September 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	7.28	6.11	1005.70	2.4	7.44	6.12	1005.83	4.4	9.41	6.12	1007.38
0.7	7.28	6.11	1005.70	2.6	7.48	6.12	1005.86	4.5	9.68	6.08	1007.60
0.9	7.28	6.12	1005.70	2.7	8.31	6.13	1006.51	4.7	10.01	6.08	1007.86
1.1	7.28	6.11	1005.70	2.9	8.86	6.12	1006.95	4.8	11.09	5.97	1008.71
1.2	7.29	6.11	1005.71	3.1	9.11	6.12	1007.14	4.9	11.46	5.94	1009.01
1.3	7.29	6.11	1005.71	3.2	9.21	6.12	1007.22	5.0	11.83	5.87	1009.30
1.5	7.28	6.12	1005.70	3.3	9.16	6.12	1007.18	5.2	13.90	5.75	1010.94
1.6	7.29	6.11	1005.71	3.4	9.17	6.12	1007.19	5.4	14.41	5.79	1011.34
1.7	7.32	6.12	1005.73	3.6	9.20	6.12	1007.22	5.6	14.94	5.68	1011.77
1.8	7.38	6.12	1005.78	3.7	9.29	6.12	1007.29	5.8	15.42	5.63	1012.15
2.0	7.41	6.12	1005.81	3.8	9.34	6.12	1007.33	5.9	15.69	5.56	1012.37
2.1	7.44	6.12	1005.83	3.9	9.34	6.12	1007.33	6.0	15.87	5.51	1012.51
2.2	7.44	6.12	1005.83	4.1	9.32	6.12	1007.31	6.2	16.93	5.40	1013.35
2.3	7.44	6.12	1005.83	4.3	9.36	6.12	1007.34	6.3	16.53	5.46	1013.03

STATION: 86093 DATE: 20 September

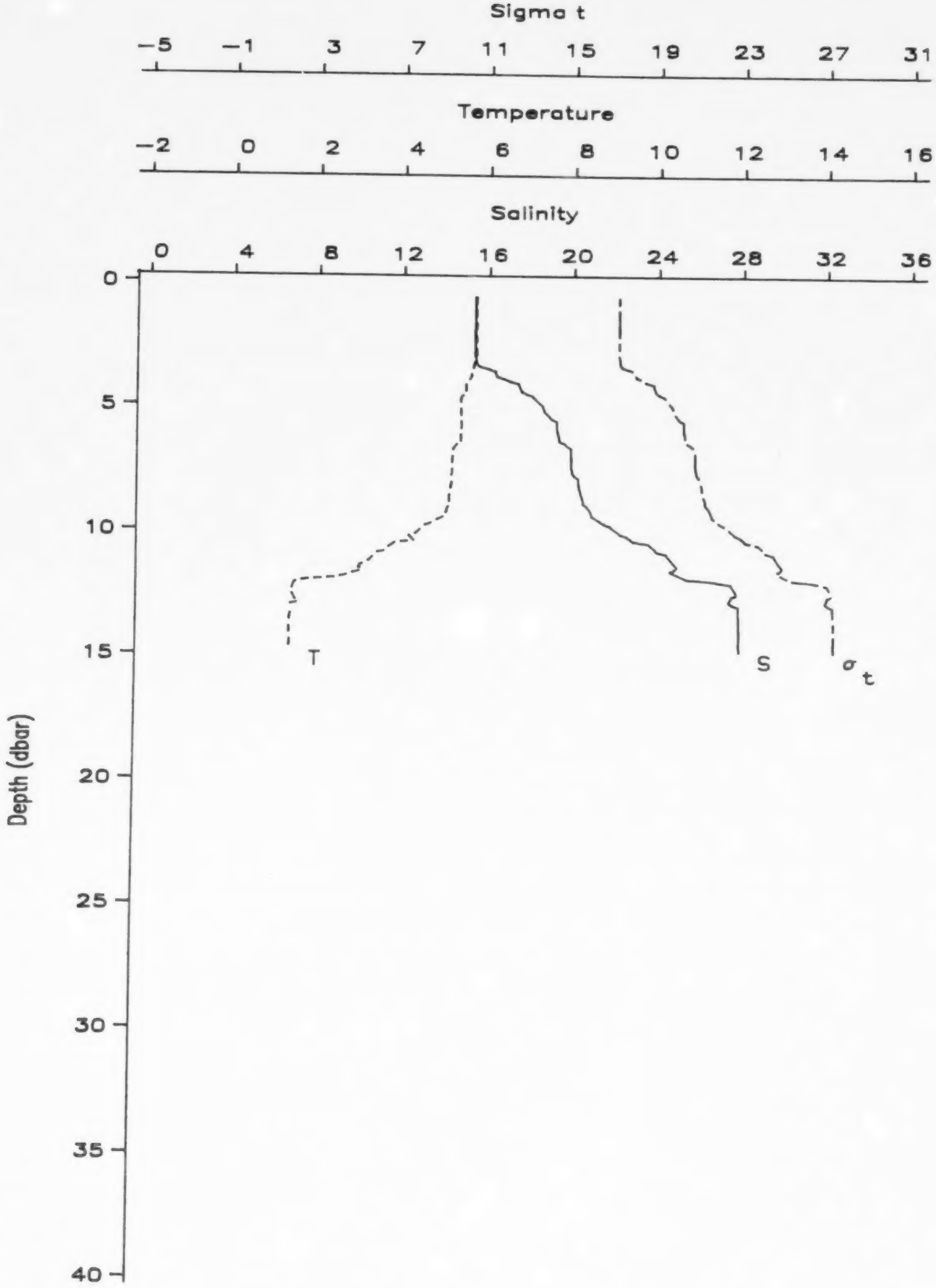

Table A1.94. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86093, September 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.6	15.34	5.67	1012.08	6.0	19.23	5.33	1015.17	10.5	23.57	3.78	1018.72
0.7	15.33	5.66	1012.07	6.1	19.27	5.32	1015.21	10.7	23.84	3.62	1018.95
0.8	15.33	5.66	1012.07	6.2	19.29	5.32	1015.22	10.8	23.95	3.59	1019.04
0.9	15.33	5.66	1012.07	6.4	19.33	5.32	1015.25	10.9	24.38	3.35	1019.40
1.2	15.34	5.66	1012.08	6.5	19.58	5.24	1015.46	11.2	24.66	3.20	1019.63
1.4	15.34	5.67	1012.08	6.7	19.86	5.14	1015.69	11.4	24.89	2.97	1019.83
1.7	15.34	5.67	1012.08	7.0	19.89	5.13	1015.71	11.5	24.79	2.94	1019.75
1.8	15.34	5.67	1012.08	7.1	19.89	5.12	1015.71	11.6	24.58	3.03	1019.58
1.9	15.34	5.66	1012.08	7.2	19.89	5.12	1015.71	11.9	25.36	2.46	1020.23
2.0	15.33	5.66	1012.07	7.3	19.89	5.12	1015.71	12.0	26.74	1.69	1021.38
2.2	15.33	5.67	1012.07	7.5	19.91	5.12	1015.73	12.1	27.45	1.43	1021.96
2.3	15.34	5.67	1012.08	7.7	19.96	5.11	1015.77	12.4	27.68	1.36	1022.15
2.5	15.34	5.67	1012.08	7.8	20.05	5.10	1015.84	12.5	27.72	1.35	1022.18
2.8	15.33	5.67	1012.07	7.9	20.22	5.11	1015.97	12.6	27.48	1.40	1021.98
2.9	15.33	5.67	1012.07	8.1	20.23	5.11	1015.98	12.8	27.33	1.45	1021.86
3.3	15.42	5.62	1012.15	8.2	20.26	5.09	1016.01	12.9	27.48	1.54	1021.98
3.4	15.52	5.61	1012.23	8.3	20.28	5.08	1016.02	13.0	27.79	1.34	1022.24
3.5	15.97	5.59	1012.58	8.6	20.39	5.05	1016.11	13.4	27.84	1.33	1022.28
3.6	16.28	5.56	1012.83	8.8	20.48	5.06	1016.18	13.5	27.85	1.32	1022.28
3.8	16.37	5.56	1012.90	8.9	20.48	5.07	1016.18	13.6	27.85	1.31	1022.29
4.0	16.96	5.49	1013.37	9.0	20.62	5.03	1016.29	13.9	27.85	1.31	1022.29
4.1	17.38	5.43	1013.71	9.2	20.80	4.99	1016.44	14.0	27.86	1.31	1022.29
4.4	17.53	5.43	1013.83	9.4	20.88	4.96	1016.51	14.1	27.86	1.31	1022.29
4.5	17.73	5.41	1013.98	9.6	21.23	4.74	1016.80	14.2	27.86	1.33	1022.29
4.6	18.04	5.34	1014.23	9.7	21.43	4.62	1016.97	14.5	27.81	1.32	1022.25
4.7	18.17	5.31	1014.34	9.8	21.73	4.46	1017.22	14.6	27.83	1.31	1022.27
5.0	18.52	5.31	1014.62	10.1	22.19	4.29	1017.59	14.7	27.87	1.31	1022.30
5.2	18.61	5.33	1014.68	10.2	22.51	4.12	1017.86	14.8	27.88	1.34	1022.31
5.5	18.94	5.35	1014.94	10.3	22.69	4.19	1018.00				
5.6	19.18	5.33	1015.13	10.4	22.83	4.24	1018.10				

STATION: 86094 DATE: 20 September

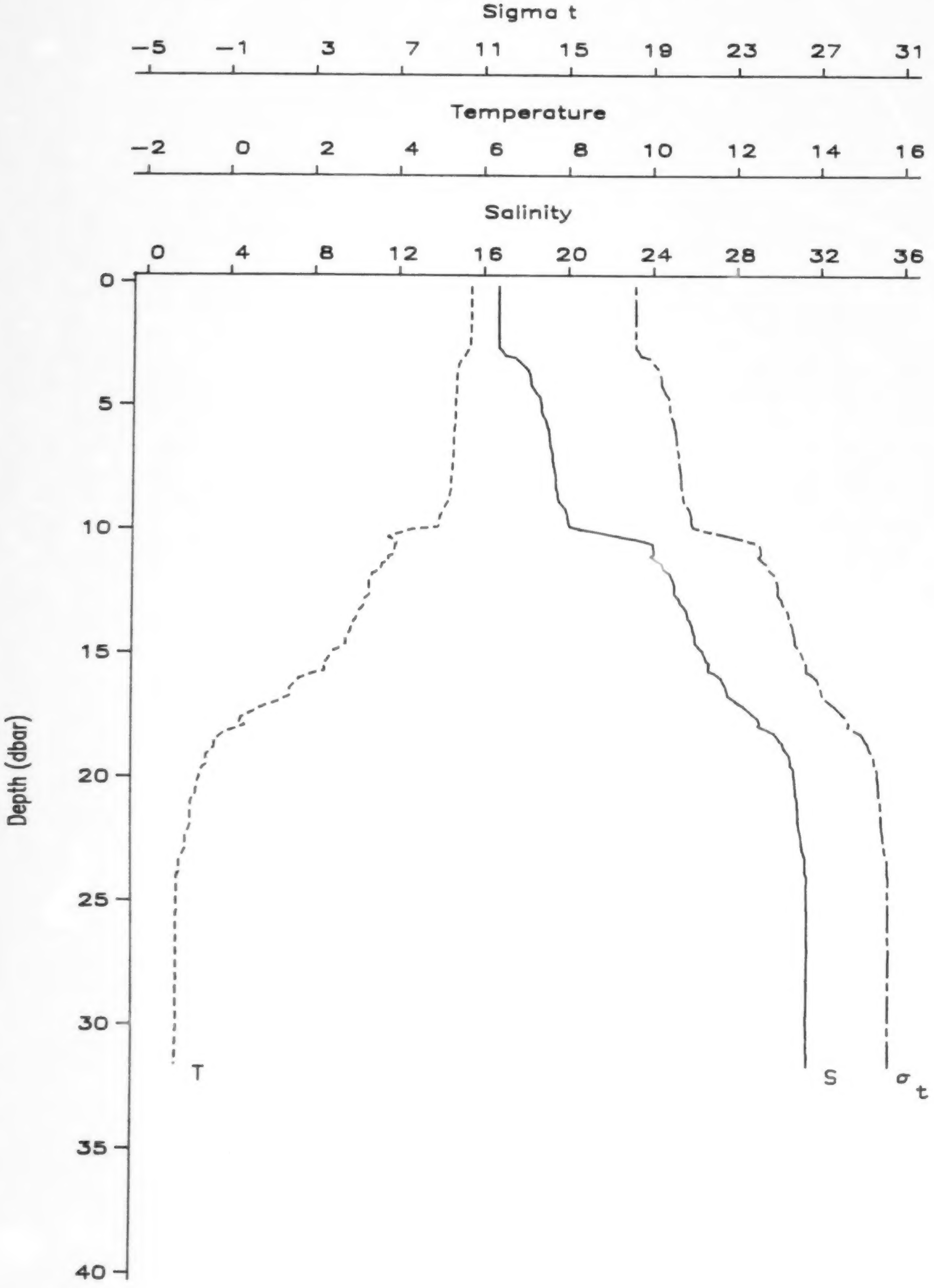

Table A1.95. Salinity, temperature (C) and density (kg.m**-3) data by depth (dbar) for station 86094, September 20, 1986.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
0.2	16.70	5.68	1013.15	8.6	19.50	5.18	1015.40	15.7	26.62	2.25	1021.25
0.4	16.70	5.68	1013.15	8.8	19.52	5.16	1015.42	15.8	26.93	1.97	1021.51
0.6	16.70	5.68	1013.15	8.9	19.56	5.13	1015.45	15.9	27.09	1.81	1021.65
0.8	16.70	5.68	1013.15	9.2	19.86	5.02	1015.70	16.0	27.24	1.65	1021.78
0.9	16.70	5.68	1013.15	9.5	19.98	4.95	1015.80	16.4	27.48	1.43	1021.98
1.3	16.71	5.68	1013.16	9.6	19.99	4.93	1015.80	16.7	27.58	1.44	1022.06
1.4	16.70	5.68	1013.15	9.8	20.02	4.94	1015.83	16.9	27.89	1.20	1022.32
1.6	16.70	5.68	1013.15	9.9	20.09	4.90	1015.89	17.0	28.05	1.06	1022.46
1.7	16.70	5.67	1013.15	10.0	20.49	4.29	1016.25	17.1	28.28	0.84	1022.65
2.1	16.71	5.66	1013.16	10.3	22.40	3.73	1017.80	17.4	28.67	0.51	1022.98
2.2	16.70	5.66	1013.15	10.5	23.61	3.95	1018.74	17.6	28.98	0.28	1023.24
2.6	16.72	5.65	1013.17	10.6	23.98	3.91	1019.04	17.8	29.09	0.24	1023.33
2.7	16.72	5.65	1013.17	10.9	24.06	3.87	1019.11	17.9	29.00	0.39	1023.25
2.8	16.84	5.59	1013.27	11.0	24.04	3.86	1019.09	18.1	29.51	0.06	1023.67
3.0	17.00	5.53	1013.40	11.1	23.88	3.74	1018.97	18.2	29.77	-0.12	1023.89
3.1	17.50	5.46	1013.80	11.2	24.04	3.75	1019.10	18.4	29.97	-0.25	1024.06
3.2	17.62	5.43	1013.90	11.4	24.41	3.60	1019.40	18.5	30.03	-0.26	1024.11
3.5	17.98	5.35	1014.19	11.6	24.52	3.55	1019.49	18.6	30.17	-0.35	1024.22
3.6	18.09	5.35	1014.27	11.8	24.80	3.36	1019.73	18.8	30.25	-0.36	1024.29
3.8	18.19	5.34	1014.35	12.0	24.91	3.31	1019.82	18.9	30.33	-0.40	1024.35
4.0	18.22	5.34	1014.38	12.1	24.97	3.28	1019.87	19.1	30.52	-0.54	1024.51
4.2	18.25	5.34	1014.40	12.2	25.00	3.28	1019.89	19.4	30.57	-0.56	1024.55
4.5	18.46	5.33	1014.57	12.3	25.03	3.29	1019.92	19.5	30.57	-0.53	1024.55
4.7	18.66	5.31	1014.73	12.5	24.99	3.31	1019.88	19.6	30.69	-0.62	1024.65
4.9	18.70	5.31	1014.76	12.6	25.02	3.31	1019.91	19.7	30.73	-0.65	1024.68
5.1	18.74	5.31	1014.79	12.7	25.11	3.25	1019.98	19.9	30.74	-0.70	1024.69
5.3	18.75	5.31	1014.80	12.8	25.22	3.18	1020.08	20.0	30.75	-0.70	1024.70
5.4	18.78	5.31	1014.82	13.0	25.30	3.19	1020.14	20.2	30.79	-0.75	1024.74
5.6	18.92	5.30	1014.93	13.1	25.44	3.14	1020.25	20.4	30.80	-0.76	1024.74
5.7	18.96	5.31	1014.96	13.2	25.52	3.10	1020.32	20.5	30.82	-0.78	1024.76
5.9	19.01	5.29	1015.00	13.3	25.60	3.03	1020.39	20.6	30.83	-0.77	1024.77
6.0	19.08	5.28	1015.06	13.6	25.67	2.98	1020.45	20.7	30.83	-0.79	1024.77
6.4	19.14	5.27	1015.11	13.7	25.76	2.93	1020.52	20.8	30.88	-0.85	1024.81
6.6	19.16	5.27	1015.12	13.8	25.80	2.92	1020.55	21.0	30.92	-0.90	1024.84
6.7	19.17	5.27	1015.13	13.9	25.86	2.88	1020.61	21.2	30.94	-0.91	1024.86
6.9	19.23	5.26	1015.18	14.1	25.90	2.84	1020.64	21.5	30.96	-0.91	1024.88
7.0	19.25	5.26	1015.20	14.2	25.94	2.80	1020.67	21.6	30.96	-0.91	1024.88
7.3	19.27	5.25	1015.21	14.3	26.00	2.75	1020.72	21.7	30.96	-0.90	1024.88
7.4	19.31	5.24	1015.24	14.6	26.02	2.74	1020.74	21.8	30.96	-0.89	1024.88
7.5	19.32	5.24	1015.25	14.7	26.13	2.63	1020.84	22.1	31.02	-0.94	1024.93
7.7	19.37	5.23	1015.29	14.8	26.21	2.57	1020.90	22.3	31.08	-1.02	1024.98
7.8	19.39	5.22	1015.31	14.9	26.34	2.45	1021.01	22.6	31.13	-1.03	1025.02
8.0	19.42	5.21	1015.33	15.2	26.50	2.33	1021.15	22.7	31.13	-1.02	1025.02
8.1	19.42	5.21	1015.33	15.3	26.54	2.29	1021.18	22.8	31.16	-1.02	1025.04
8.3	19.42	5.22	1015.33	15.4	26.66	2.21	1021.28	22.9	31.16	-1.03	1025.04
8.4	19.44	5.21	1015.35	15.6	26.62	2.26	1021.25	23.1	31.25	-1.09	1025.12

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Table A1.95. Station 86094 continued.

Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density	Depth	Salinity	Temperature	Density
23.2	31.31	-1.15	1025.17	26.0	31.40	-1.25	1025.24	29.0	31.41	-1.26	1025.25
23.3	31.32	-1.17	1025.18	26.3	31.38	-1.25	1025.23	29.2	31.41	-1.25	1025.25
23.4	31.32	-1.17	1025.18	26.4	31.39	-1.24	1025.23	29.4	31.40	-1.25	1025.24
23.6	31.31	-1.17	1025.17	26.5	31.37	-1.23	1025.22	29.5	31.39	-1.25	1025.23
23.7	31.30	-1.14	1025.16	26.6	31.40	-1.25	1025.24	29.6	31.38	-1.25	1025.23
23.8	31.30	-1.14	1025.16	26.8	31.42	-1.25	1025.26	29.8	31.39	-1.25	1025.23
23.9	31.36	-1.20	1025.21	26.9	31.42	-1.25	1025.26	30.0	31.40	-1.25	1025.24
24.0	31.40	-1.23	1025.24	27.0	31.41	-1.25	1025.25	30.2	31.41	-1.25	1025.25
24.3	31.35	-1.23	1025.20	27.2	31.38	-1.24	1025.23	30.3	31.41	-1.26	1025.25
24.4	31.34	-1.22	1025.19	27.4	31.39	-1.25	1025.23	30.7	31.42	-1.26	1025.26
24.7	31.36	-1.22	1025.21	27.6	31.39	-1.24	1025.23	30.8	31.41	-1.27	1025.25
24.8	31.36	-1.23	1025.21	27.8	31.40	-1.24	1025.24	31.0	31.40	-1.26	1025.24
24.9	31.38	-1.24	1025.23	27.9	31.41	-1.25	1025.25	31.1	31.43	-1.27	1025.27
25.0	31.37	-1.23	1025.22	28.0	31.41	-1.25	1025.25	31.2	31.43	-1.27	1025.27
25.2	31.37	-1.22	1025.22	28.1	31.39	-1.23	1025.23	31.3	31.42	-1.27	1025.26
25.3	31.38	-1.22	1025.23	28.3	31.41	-1.23	1025.25	31.5	31.44	-1.28	1025.28
25.4	31.40	-1.22	1025.24	28.4	31.41	-1.24	1025.25	31.6	31.42	-1.28	1025.26
25.5	31.40	-1.25	1025.24	28.5	31.41	-1.26	1025.25				
25.9	31.40	-1.25	1025.24	28.9	31.41	-1.25	1025.25				